

FIG. 1  
FIRST ILLUSTRATIVE EMBODIMENT

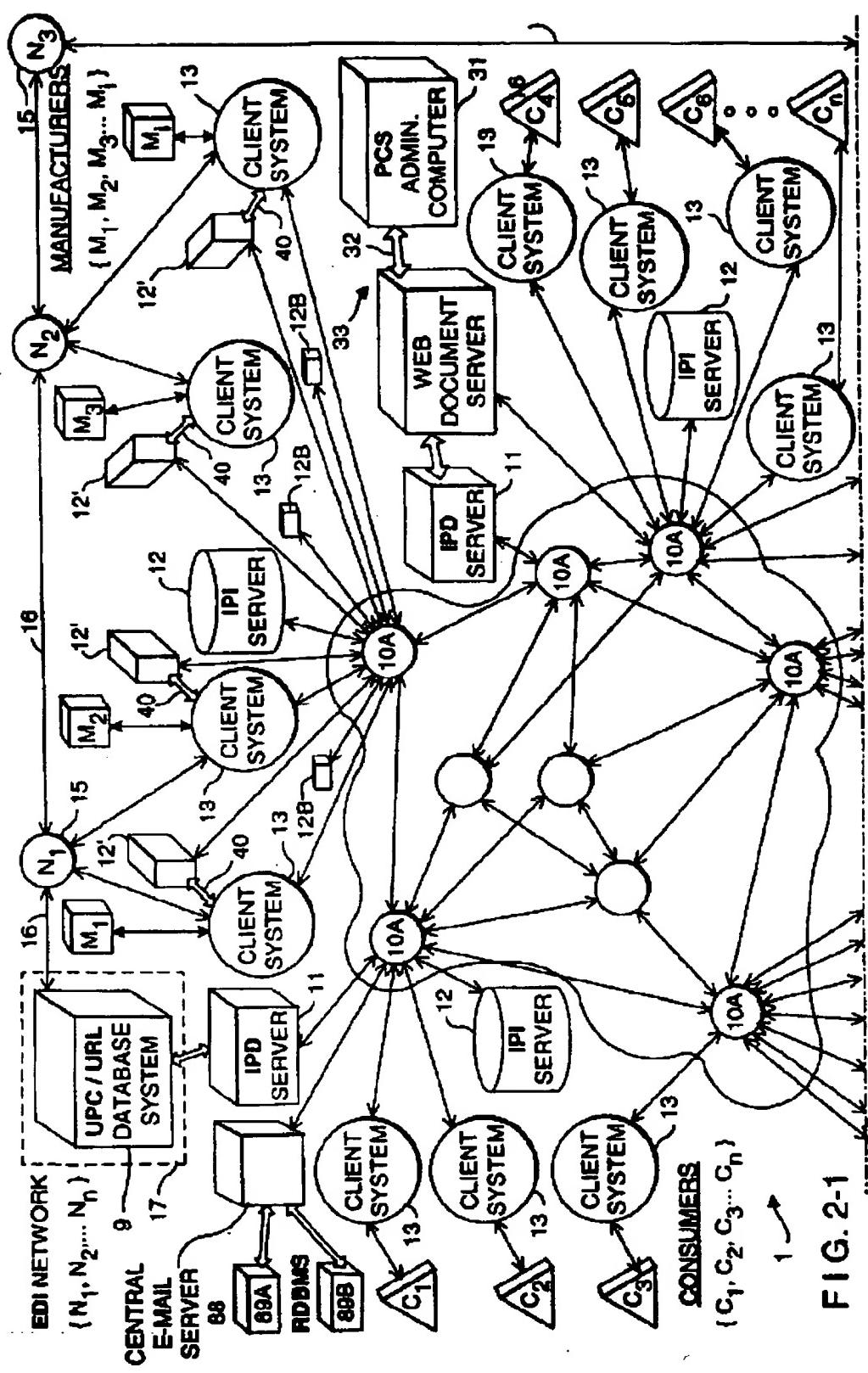


FIG. 2-1

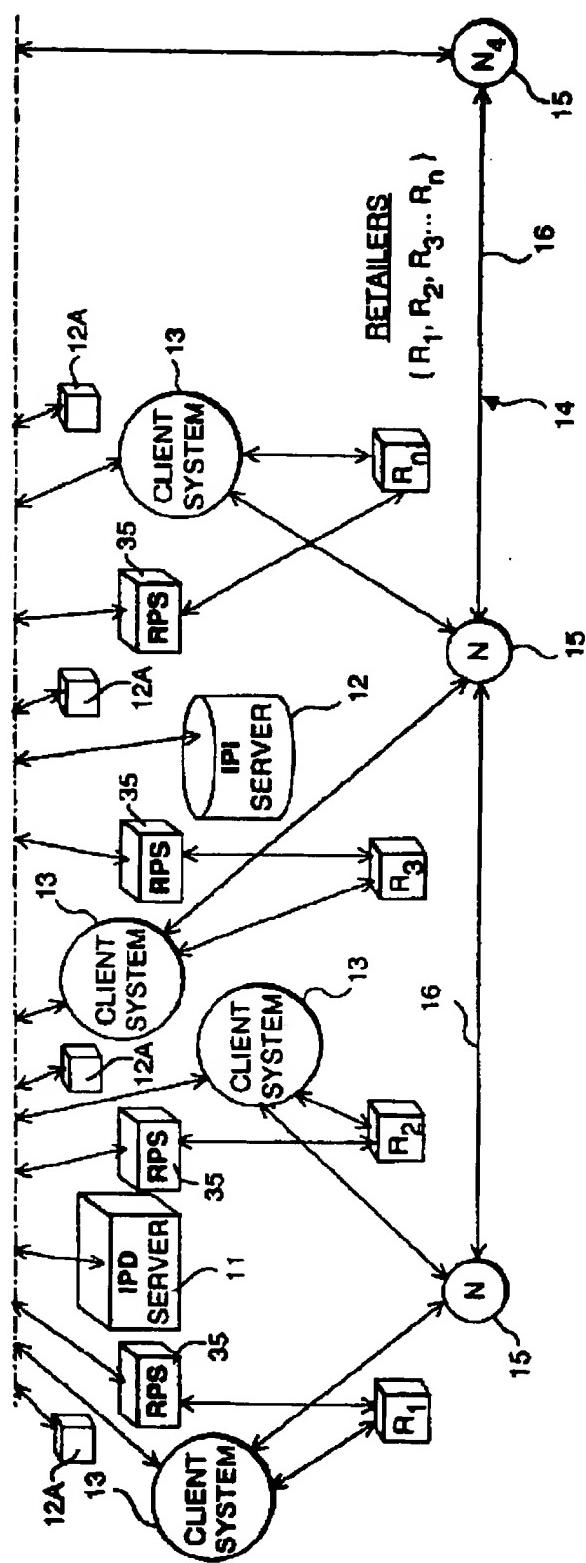
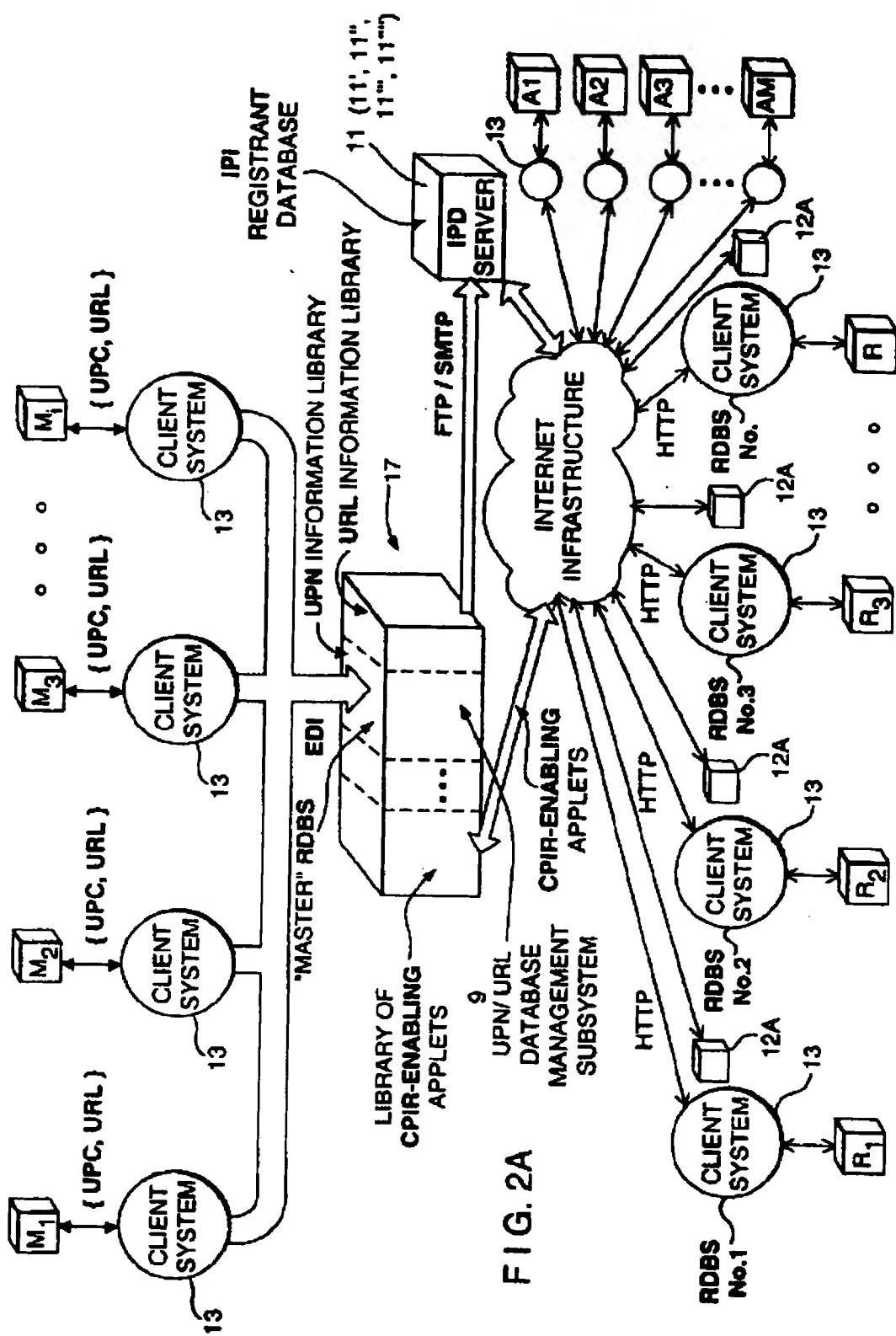


FIG. 2-2



**MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING SERVER-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS**

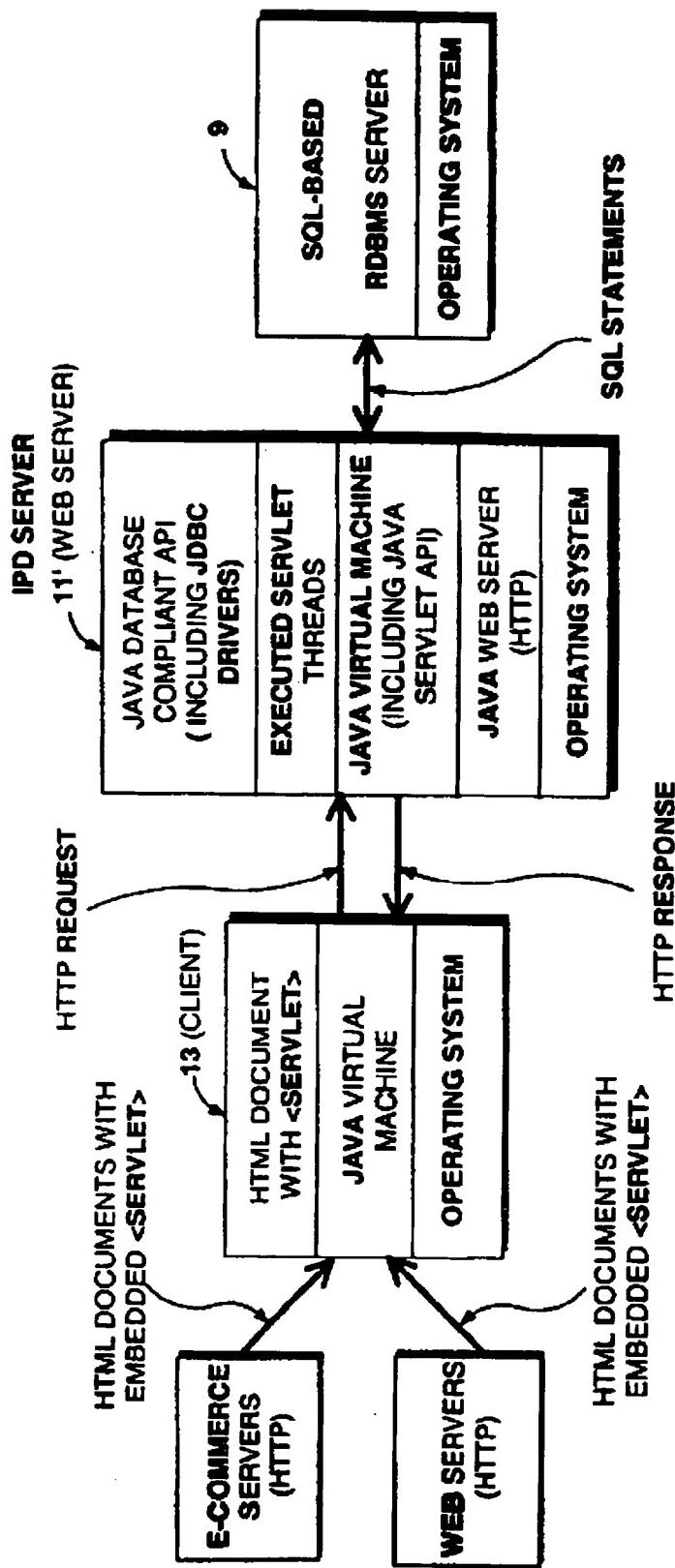


FIG. 2B1

**MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND CGIs.**

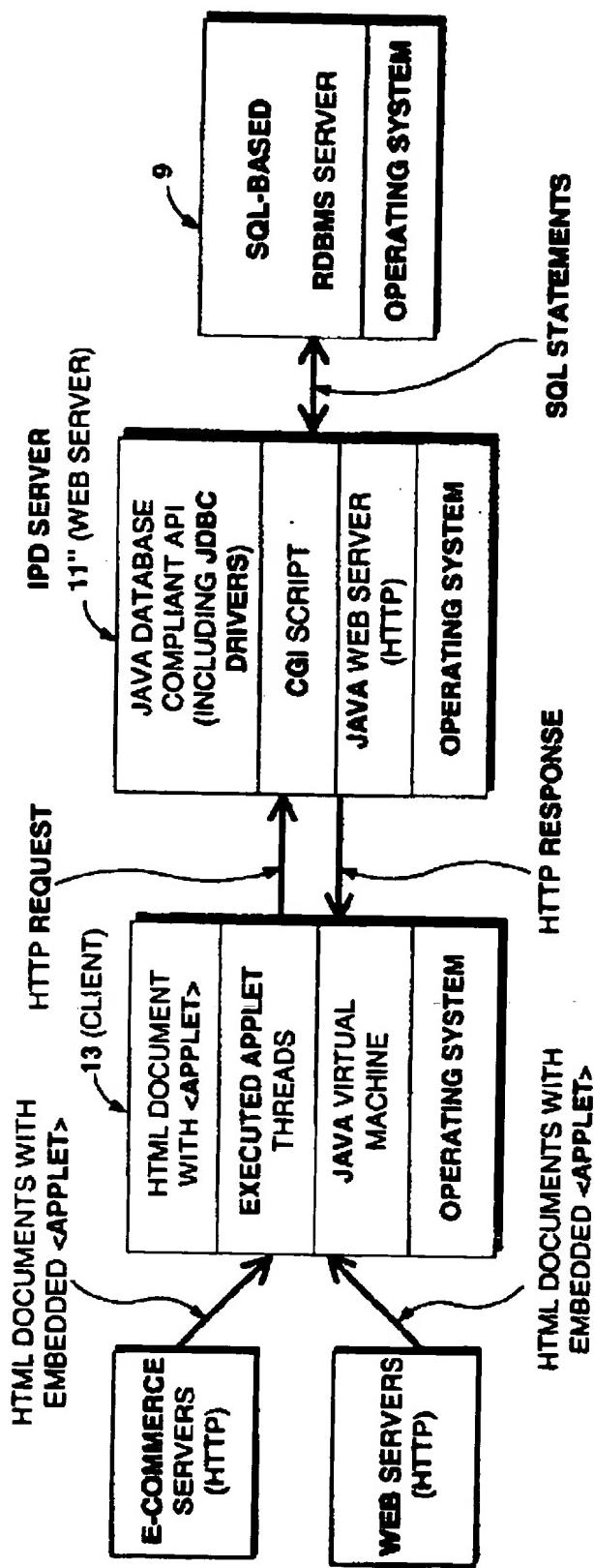


FIG. 2B2

**MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING  
CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND SOCKET CONNECTIONS**

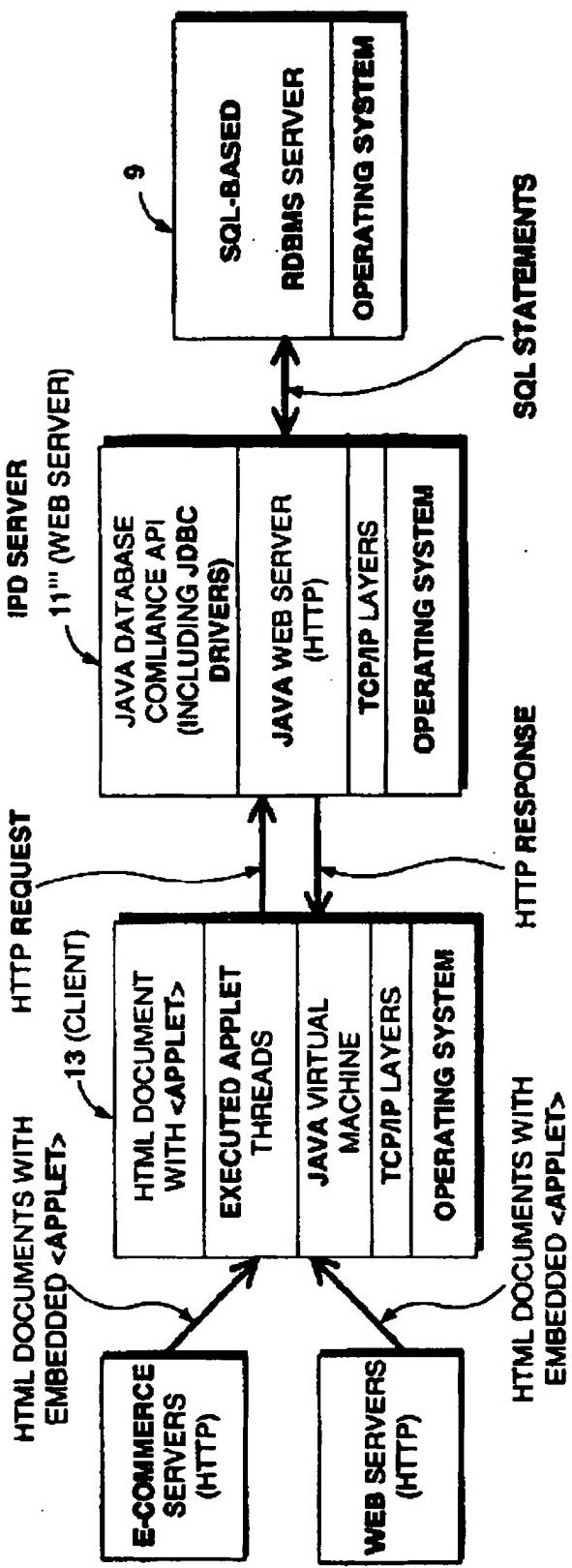


FIG. 2B3

# MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND REMOTE METHOD OF INVOCATION (RMI) ON JAVA WEB SERVER

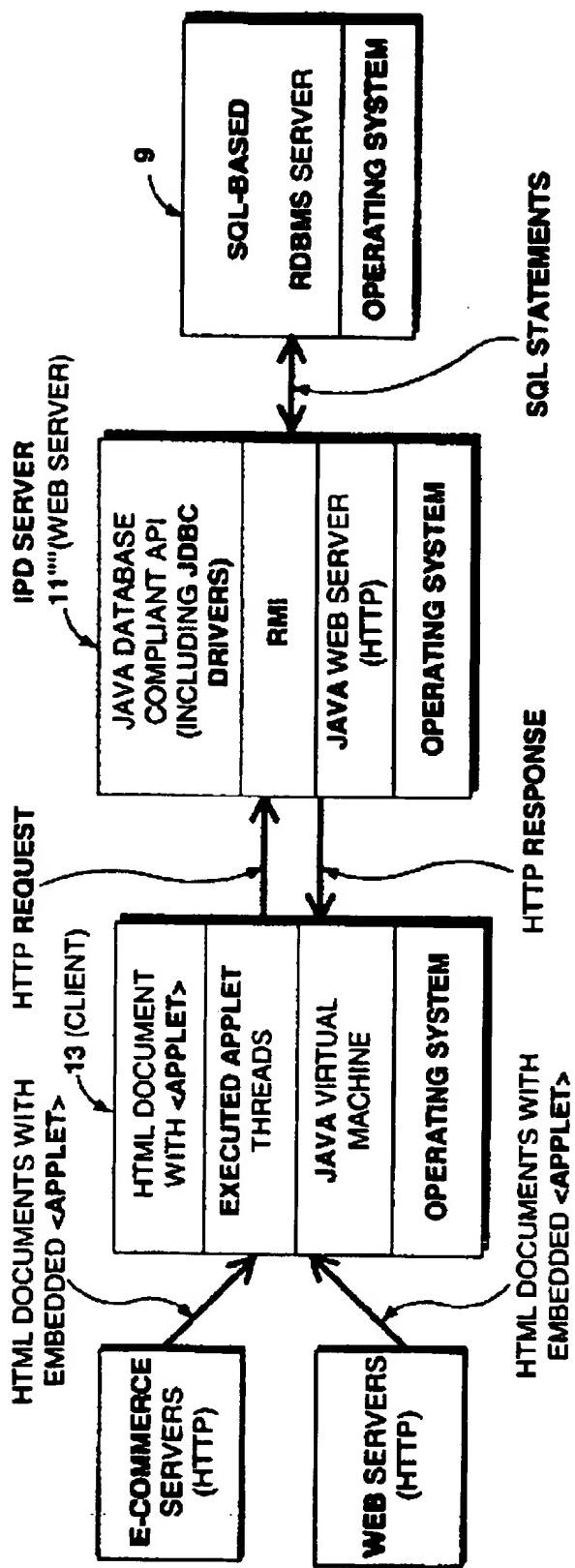


FIG. 2B4

## DISTRIBUTED METHOD AND SYSTEM OF UPGRADING MANAGEMENT OVER A LAN OR WAN

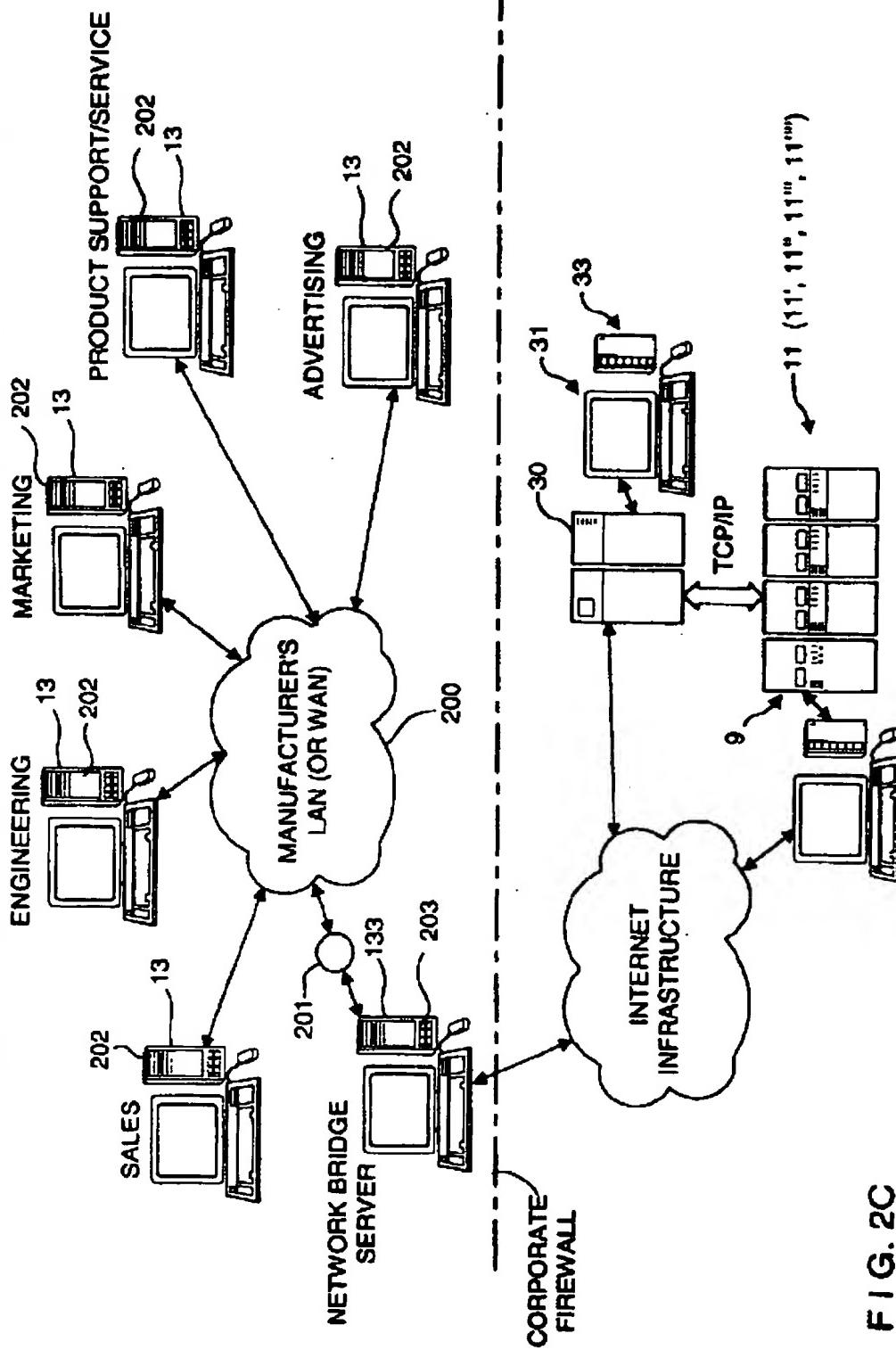


FIG. 2C

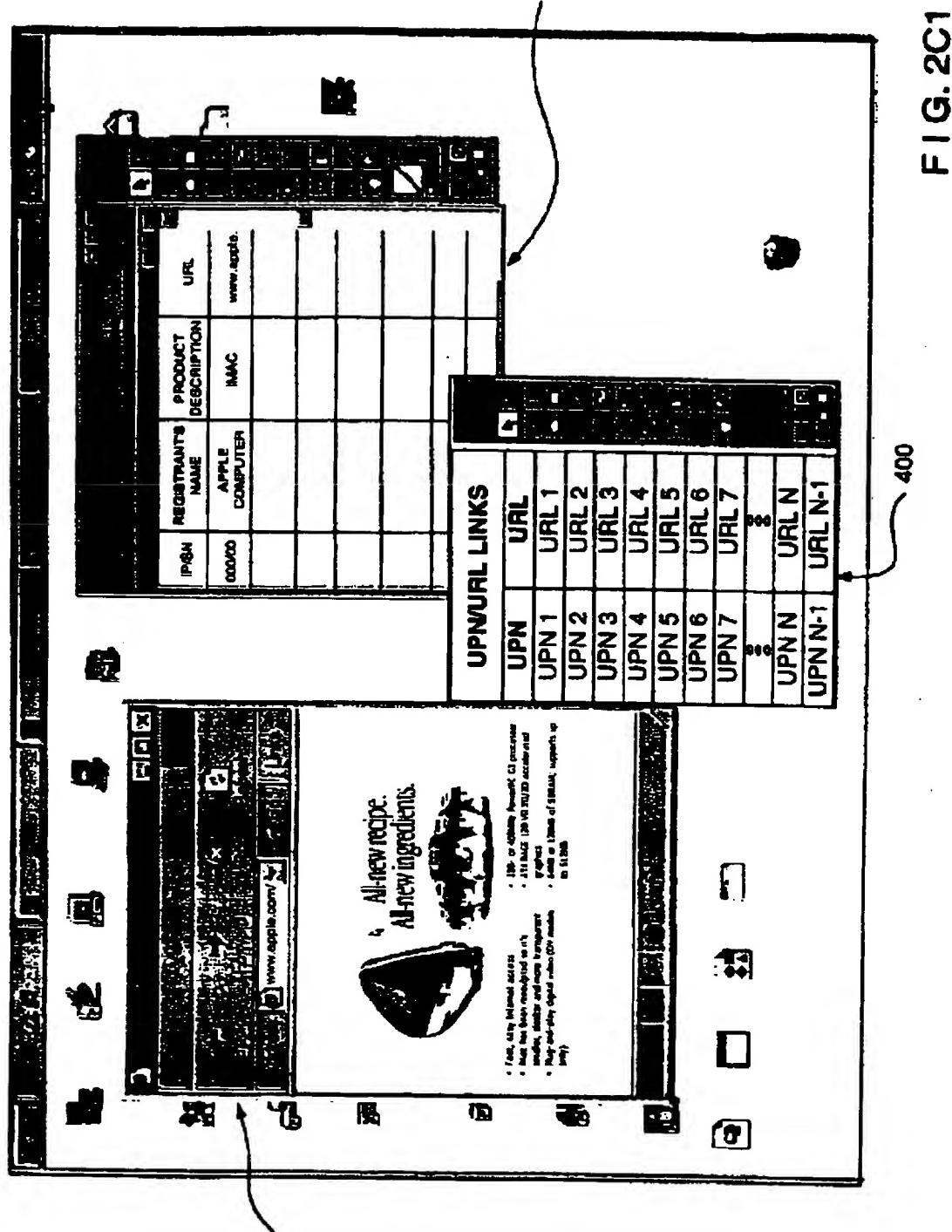


FIG. 2C1

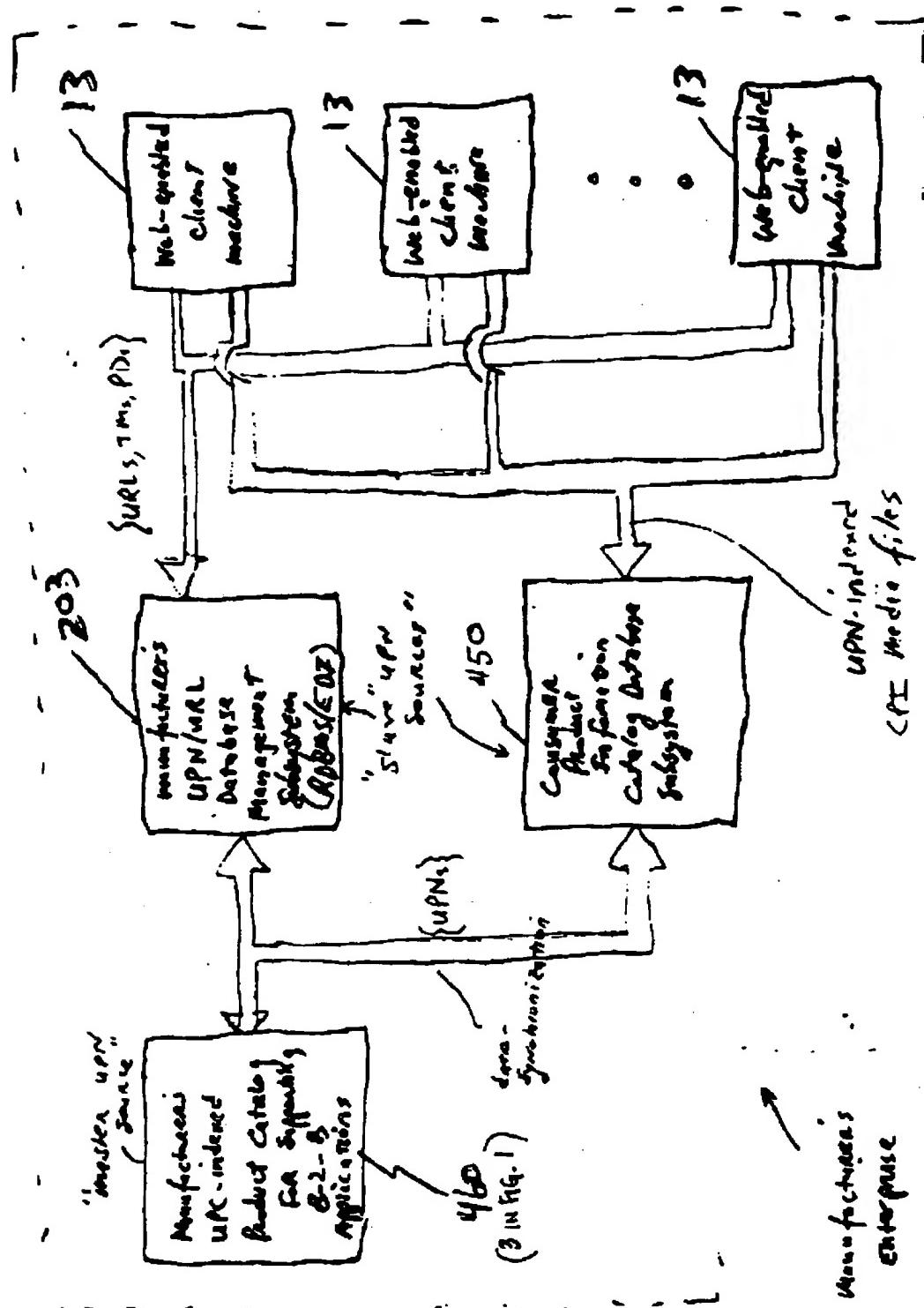


FIG. 2C2

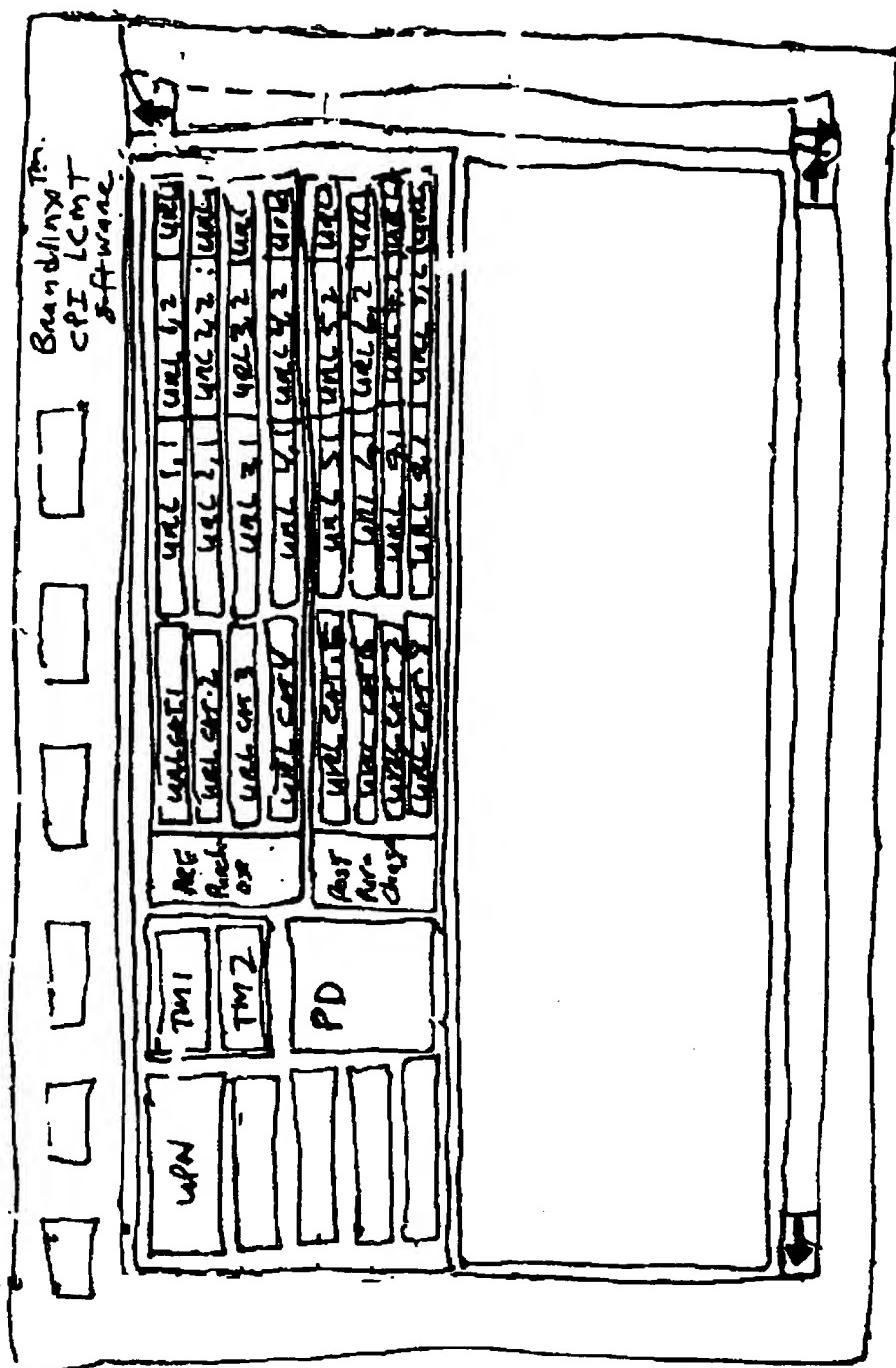


FIG. 2C3

## DISTRIBUTED METHOD AND SYSTEM OF UPGRADING MANAGEMENT OVER A LAN OR WAN

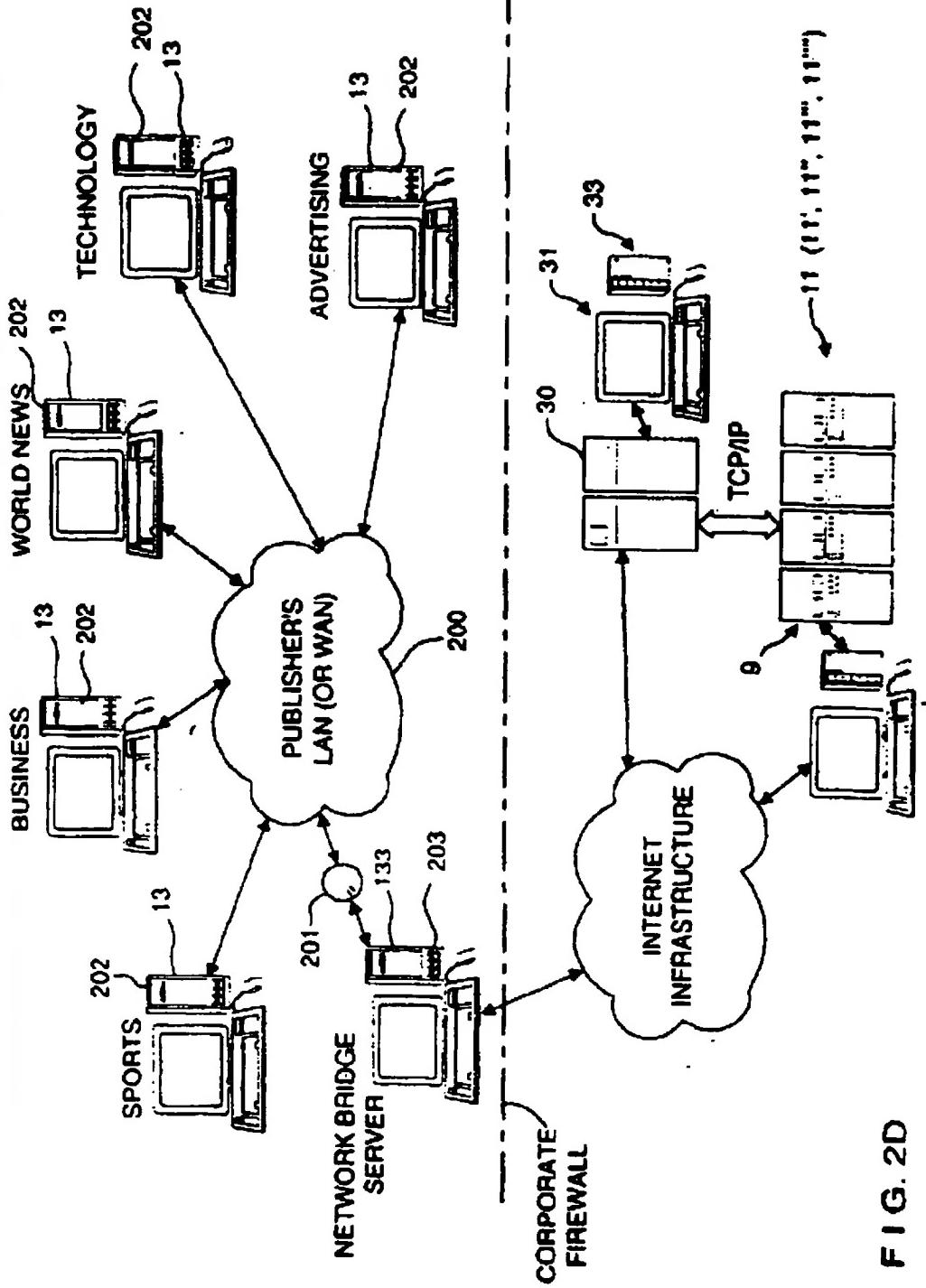


FIG. 2D

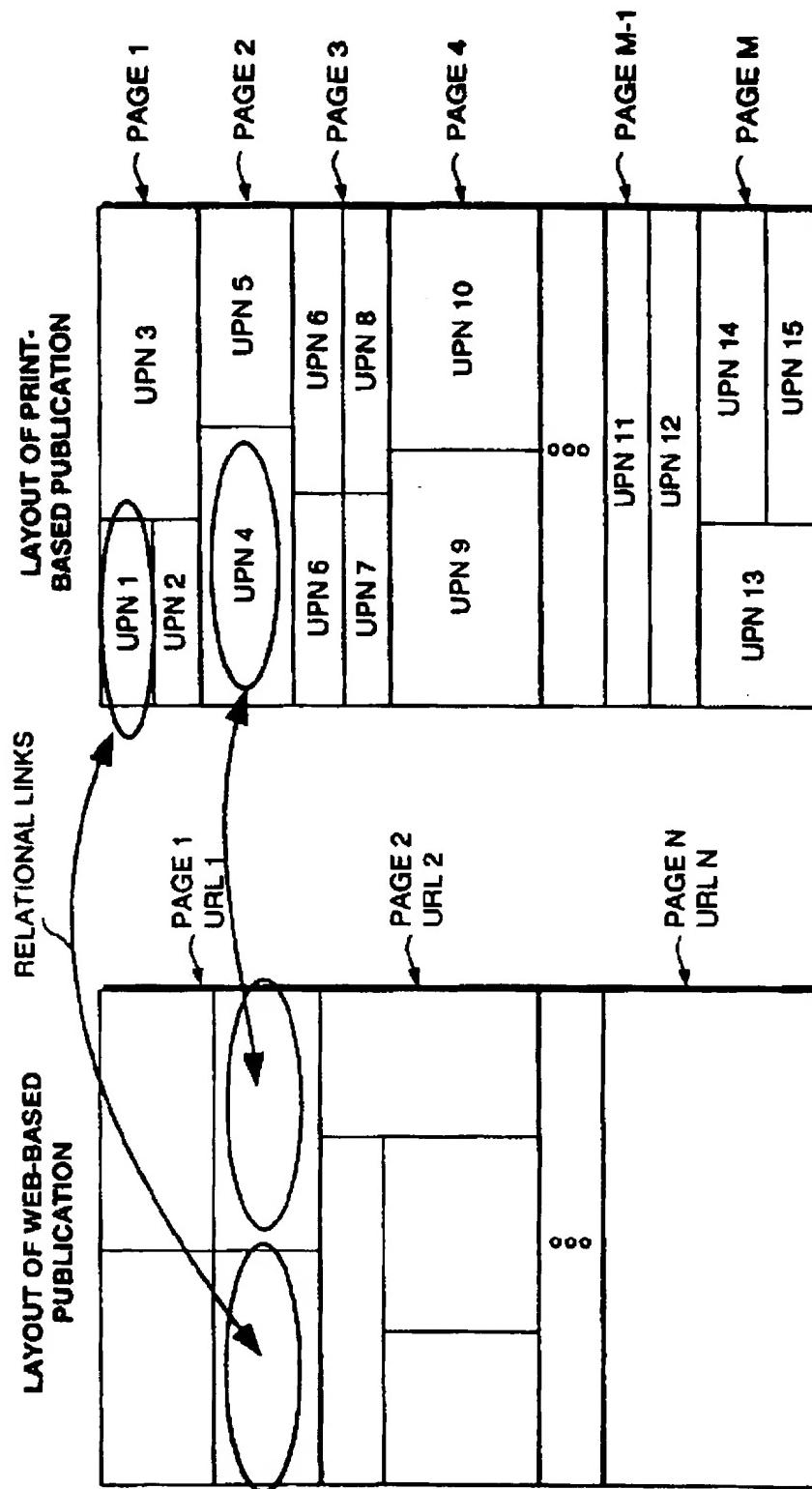


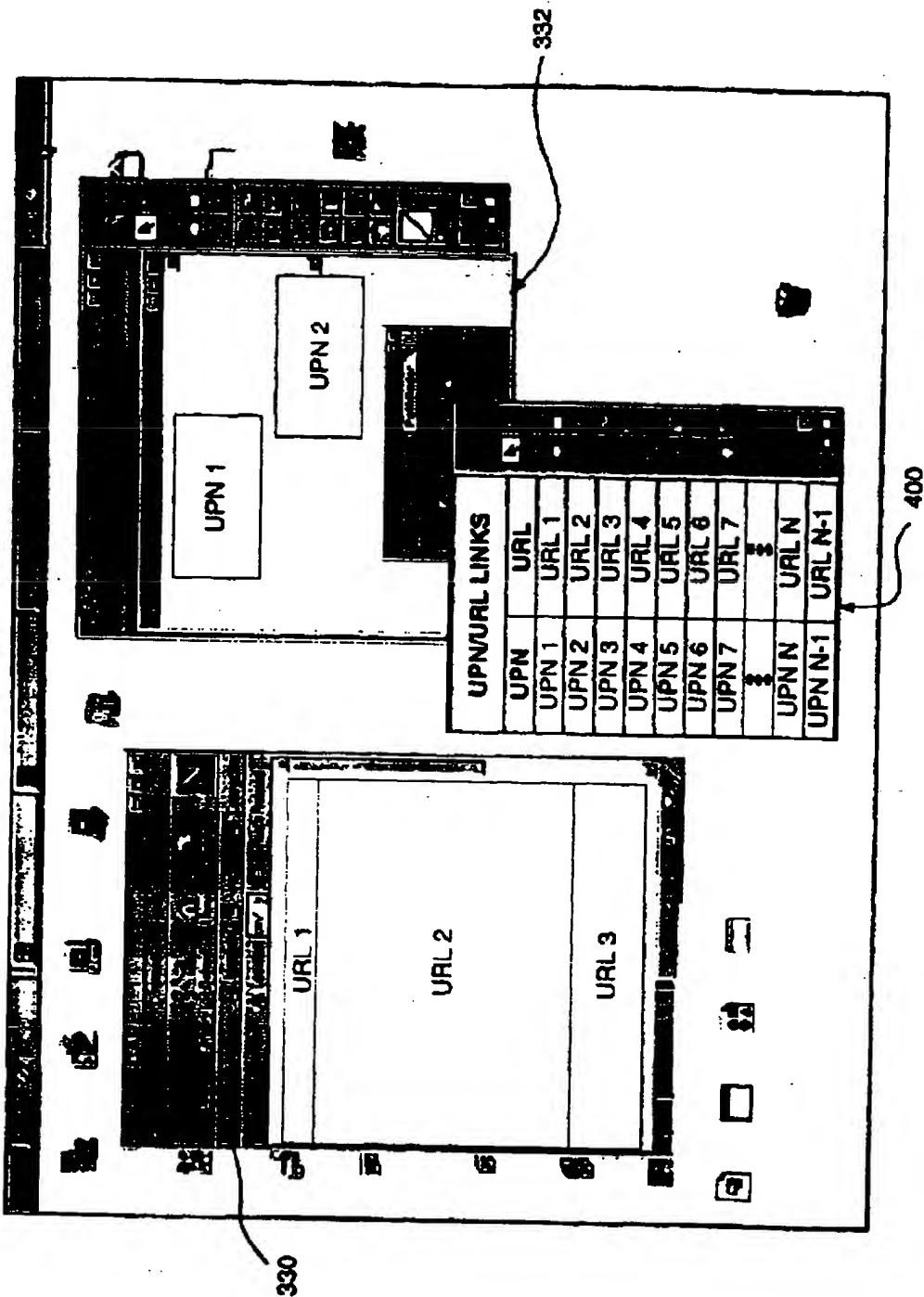
FIG. 2E1

FIG. 2E2

UPN/URL LINKS	
UPN	URL
UPN 1	URL 1
UPN 2	URL 2
UPN 3	URL 3
UPN 4	URL 4
UPN 5	URL 5
UPN 6	URL 6
UPN 7	URL 7
UPN 8	URL 8
UPN 9	URL 9
UPN 10	URL 10
UPN 11	URL 11
UPN 12	URL 12
UPN 13	URL 13
0 0	0
UPN N	URL N
UPN N-1	URL N-1

400

FIG. 2E3

**COMPOSITION/EDITORIAL MODE****FIG. 2E4**

## UPN/URL DATA LINKING MODE

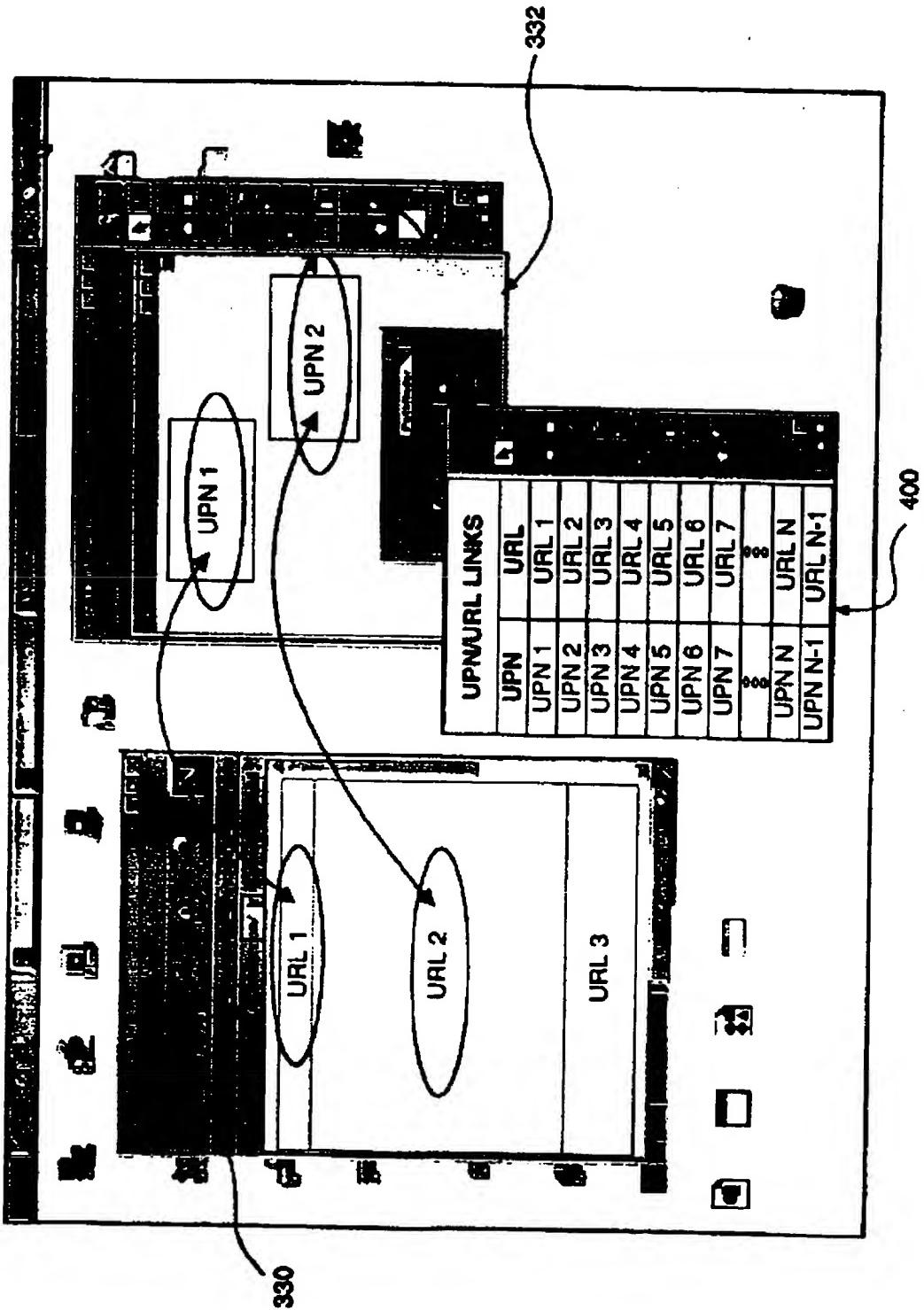


FIG. 2E5

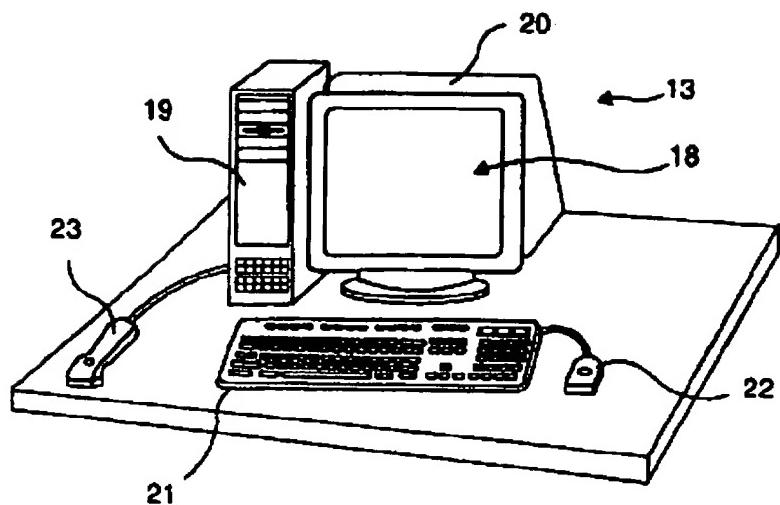


FIG. 3A1

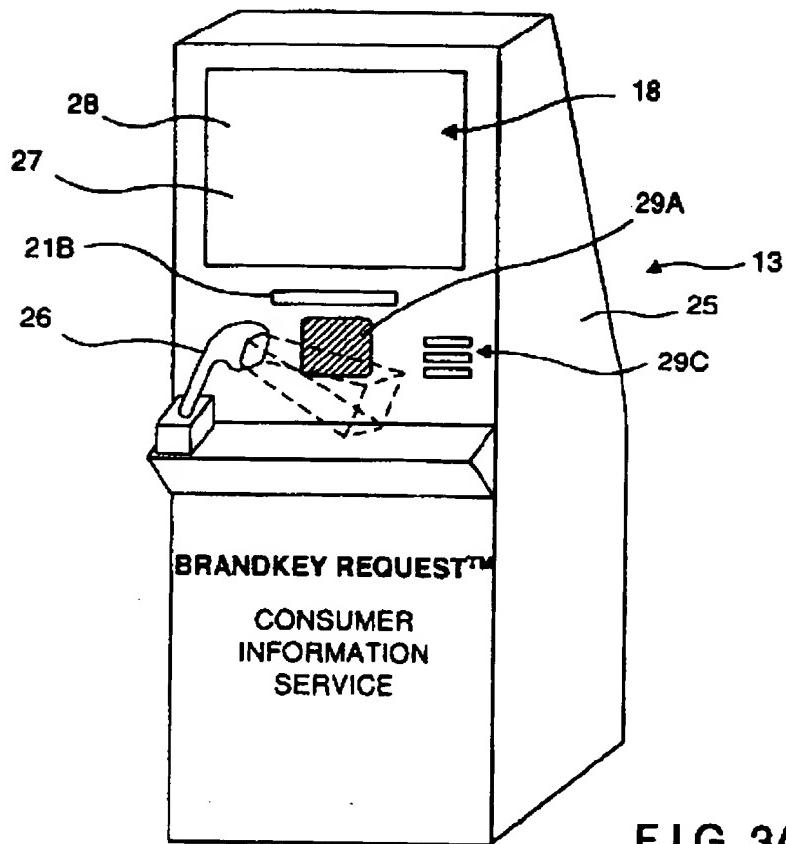


FIG. 3A2

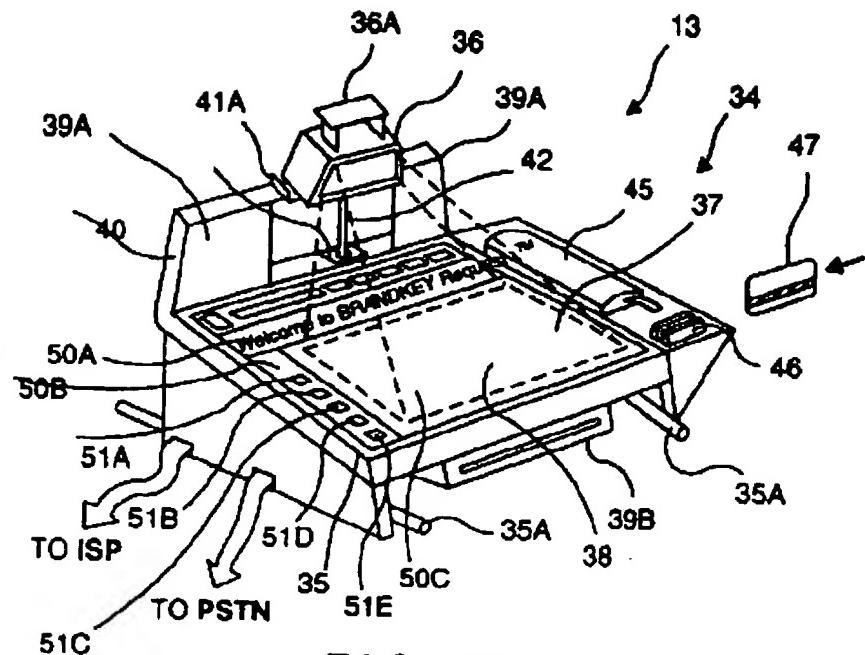


FIG. 3A3

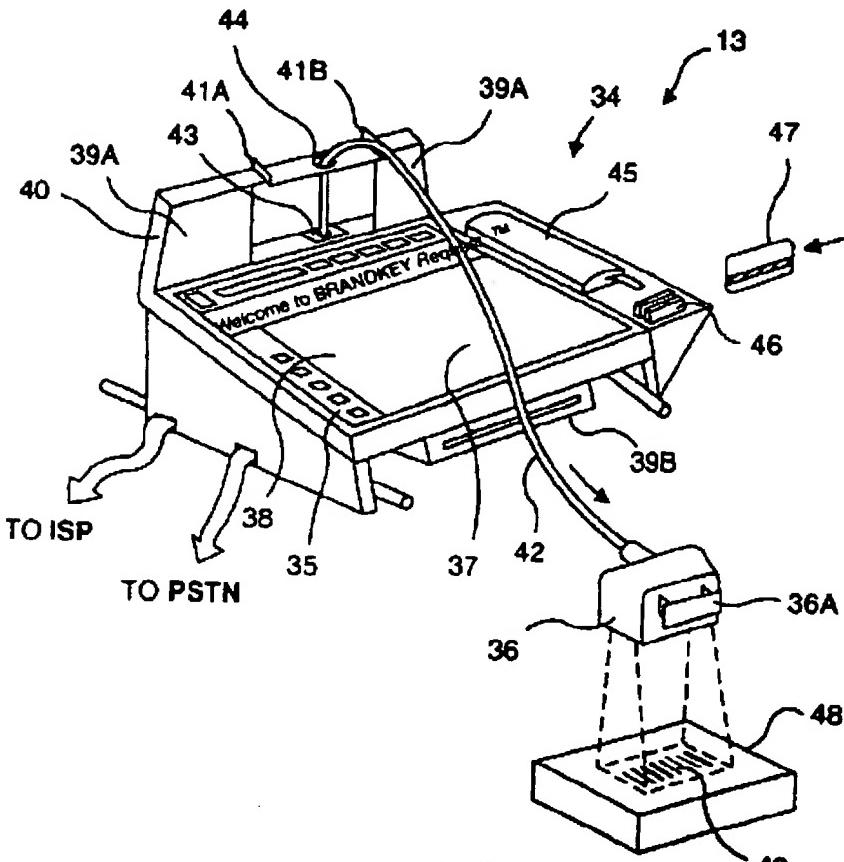


FIG. 3A3'

21/173

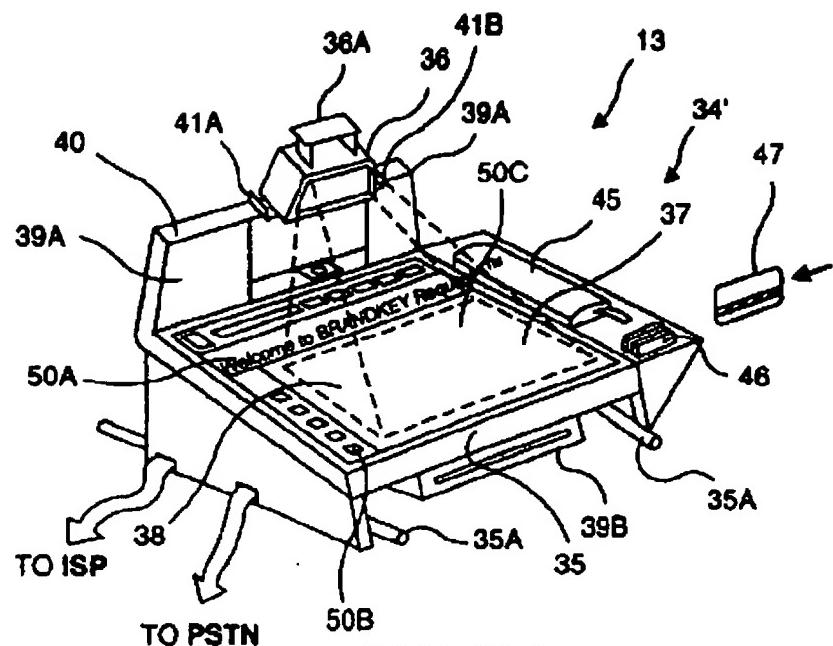


FIG. 3A4

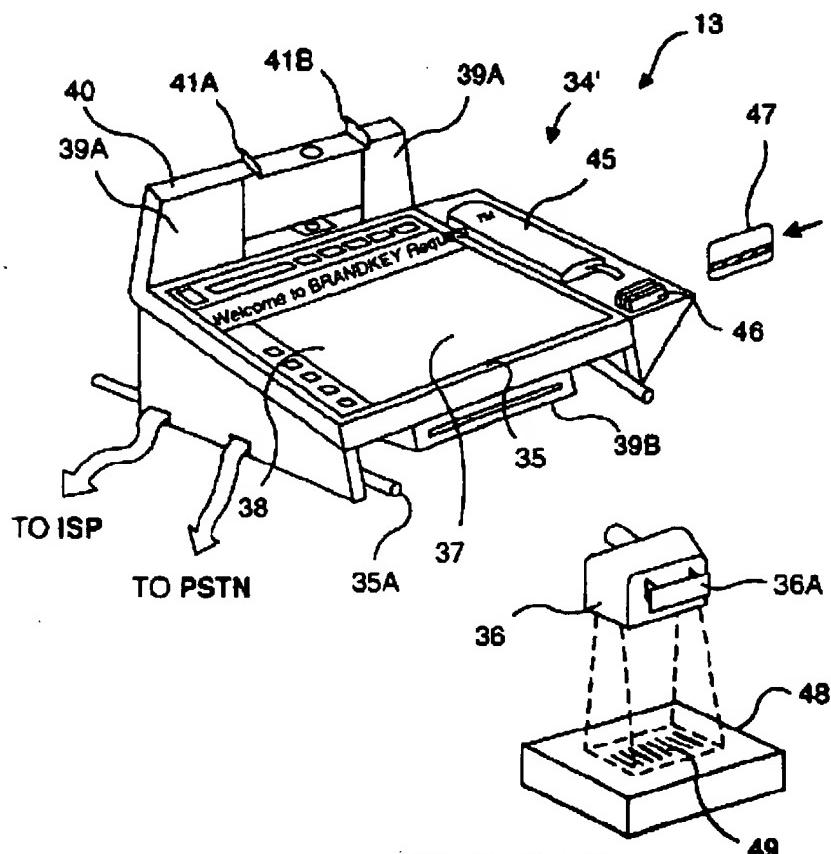


FIG. 3A4'

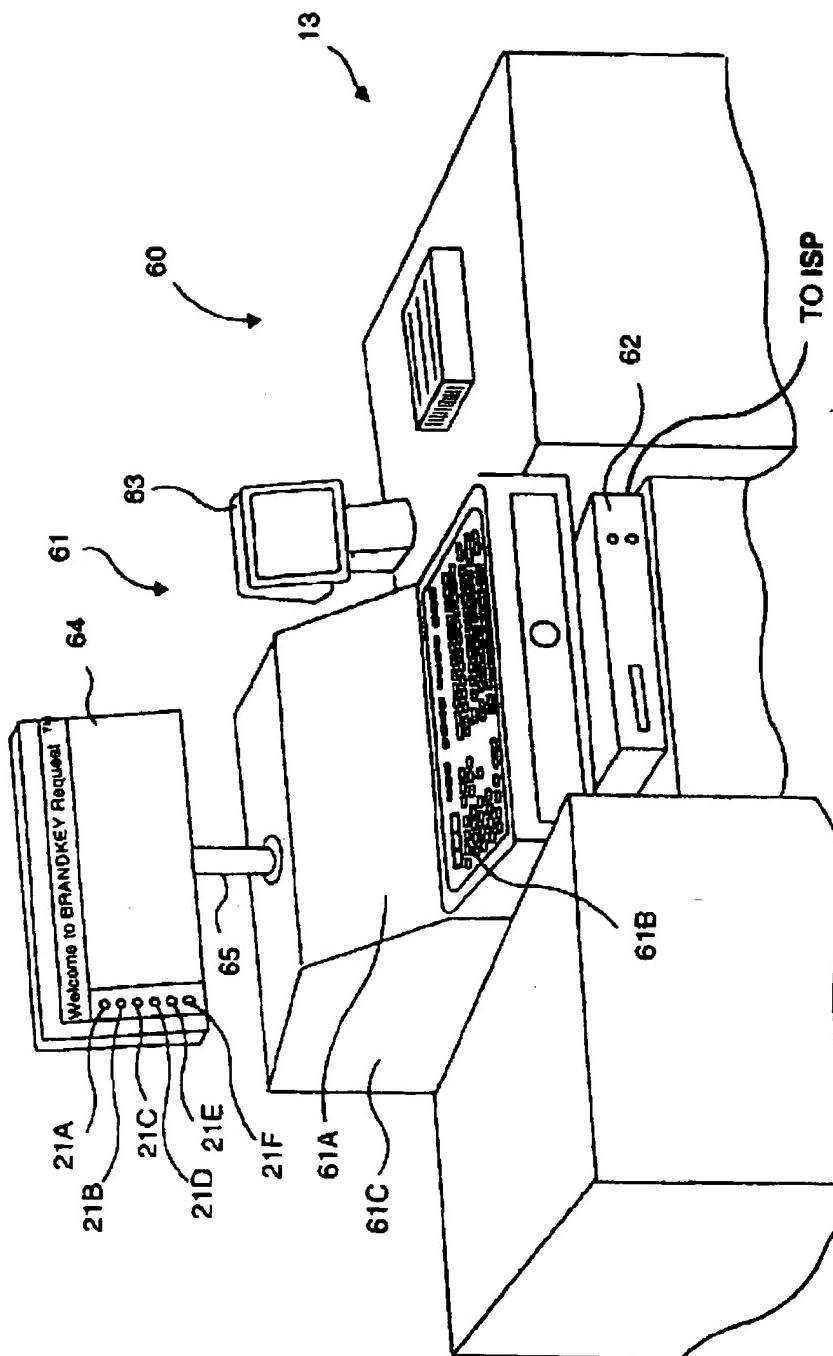


FIG. 3A5

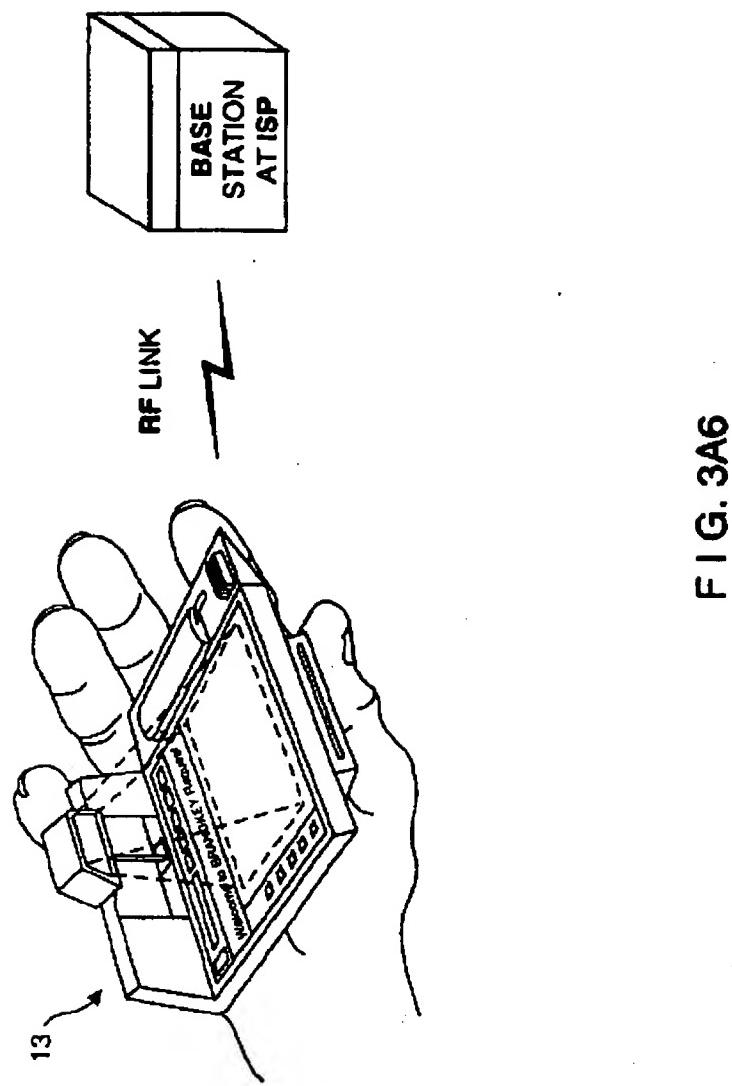


FIG. 3A6

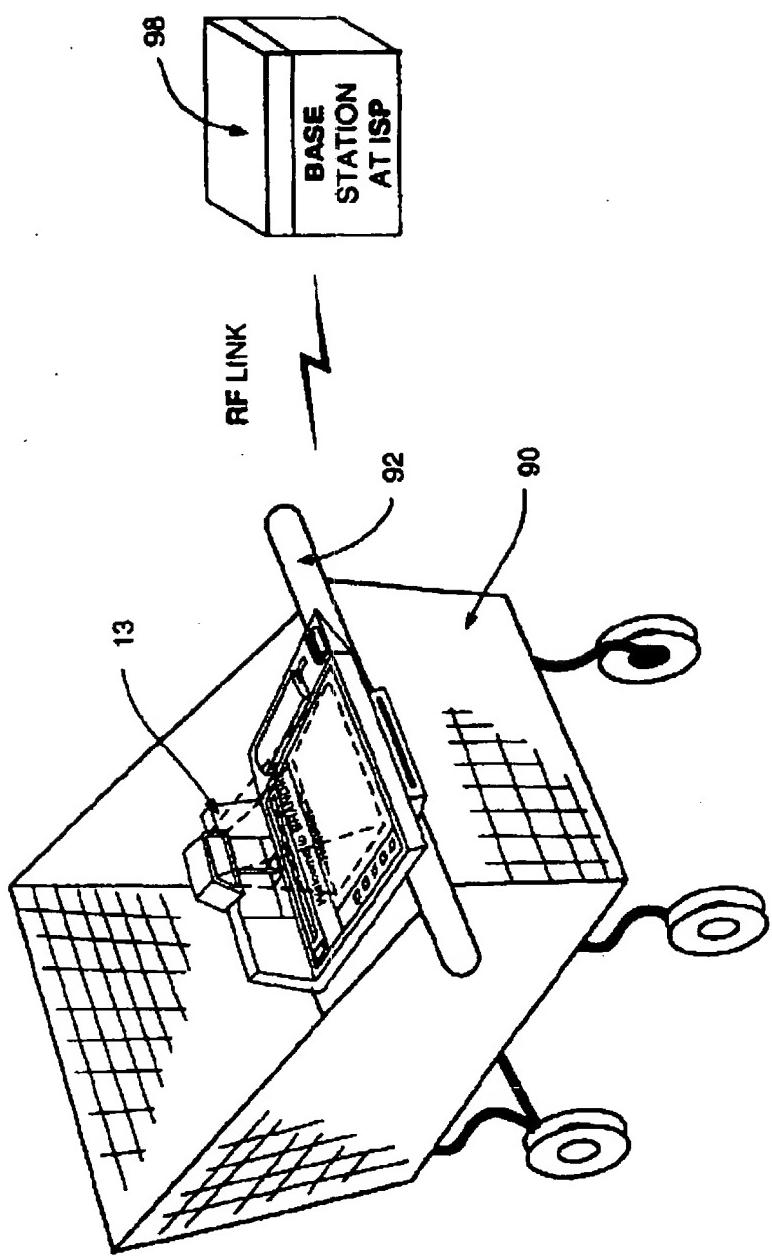


FIG. 3A7

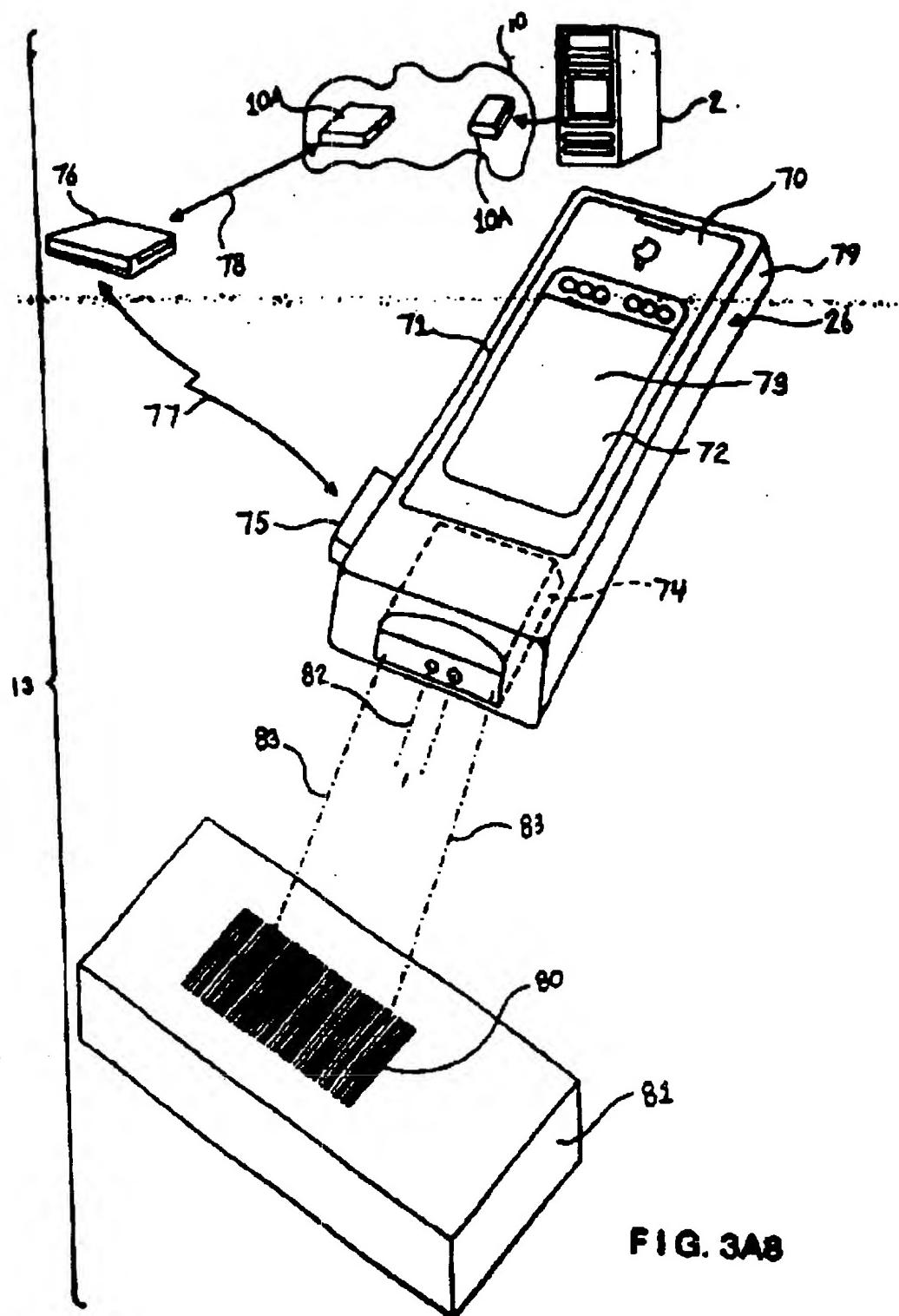


FIG. 3A8

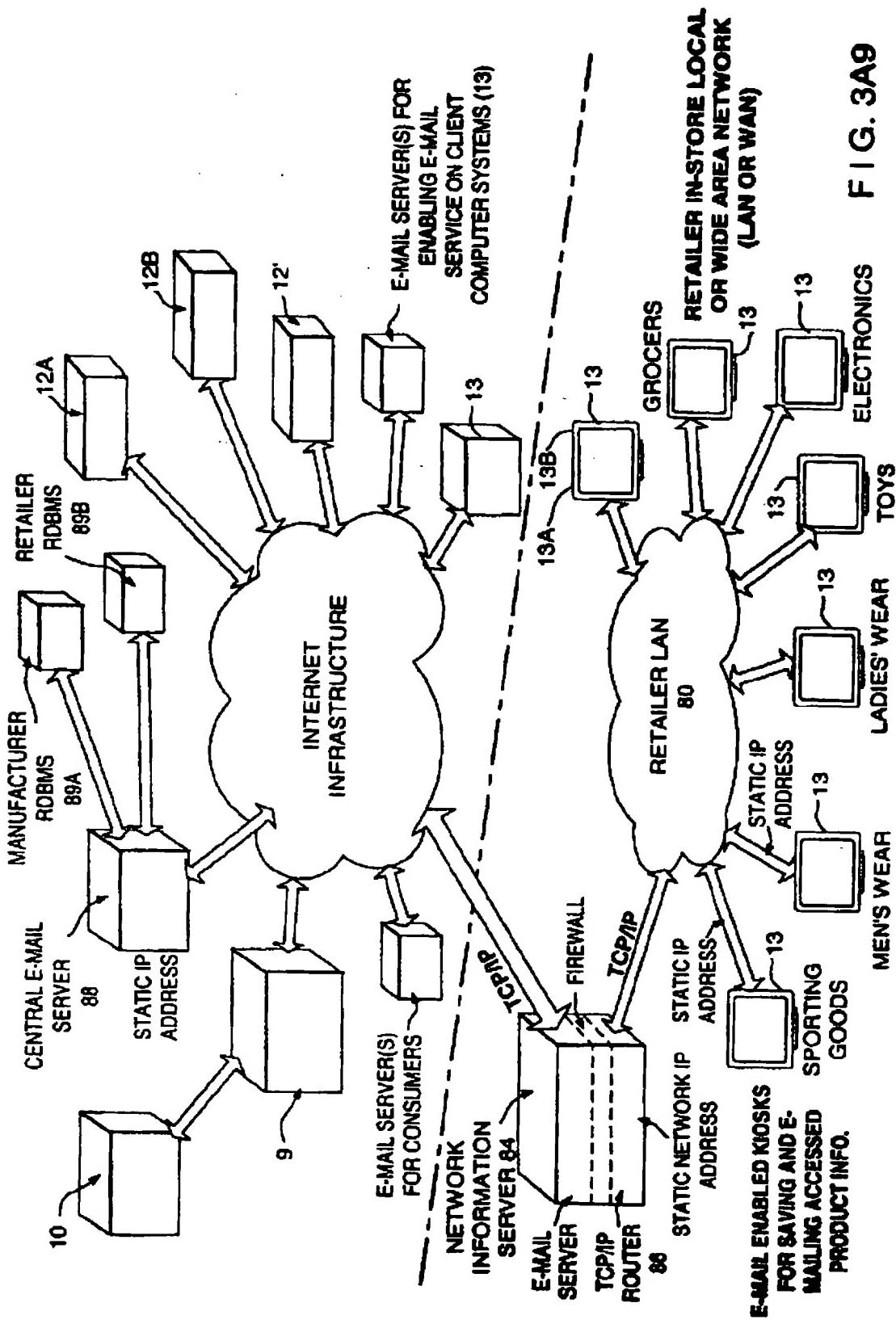


FIG. 3A9

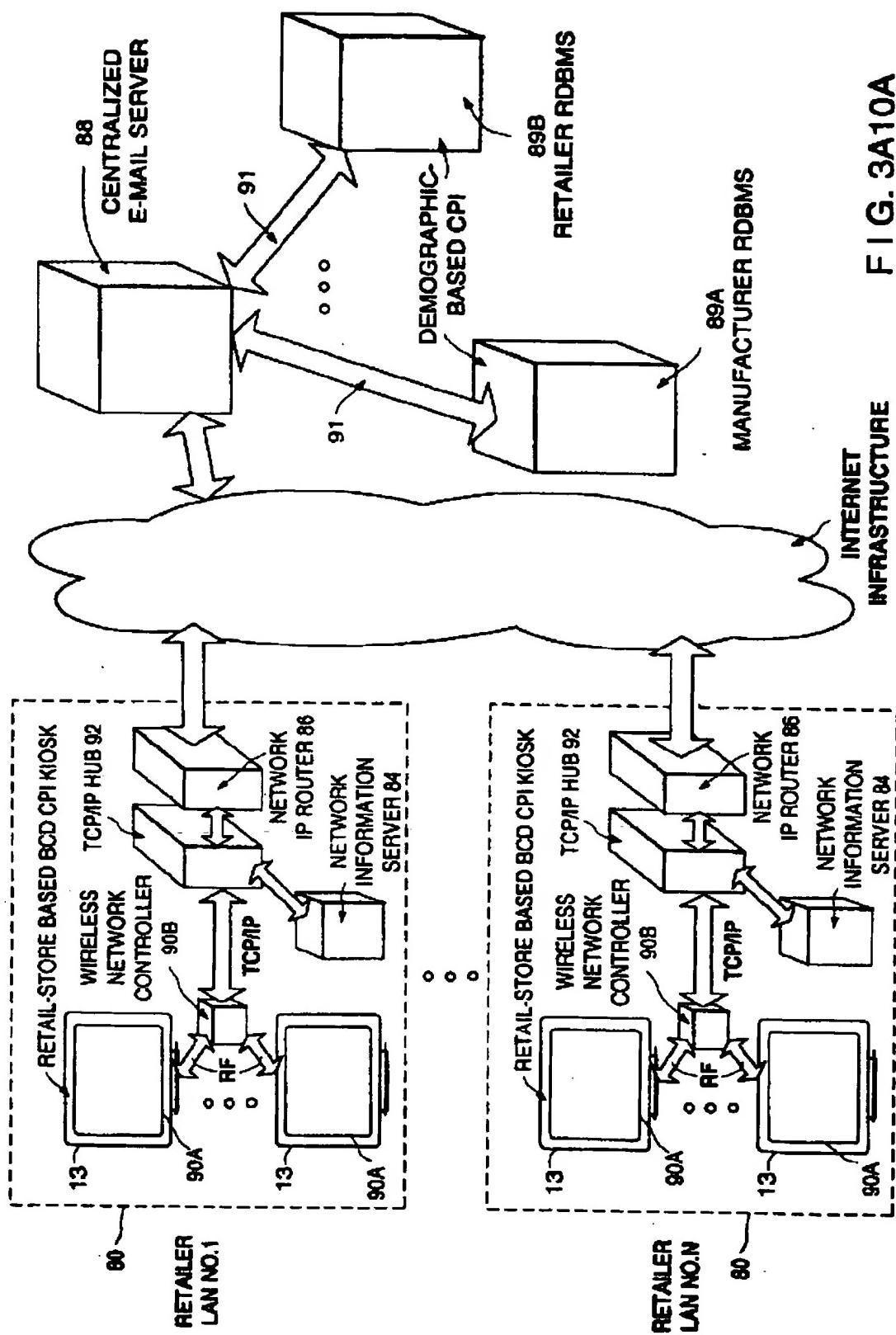
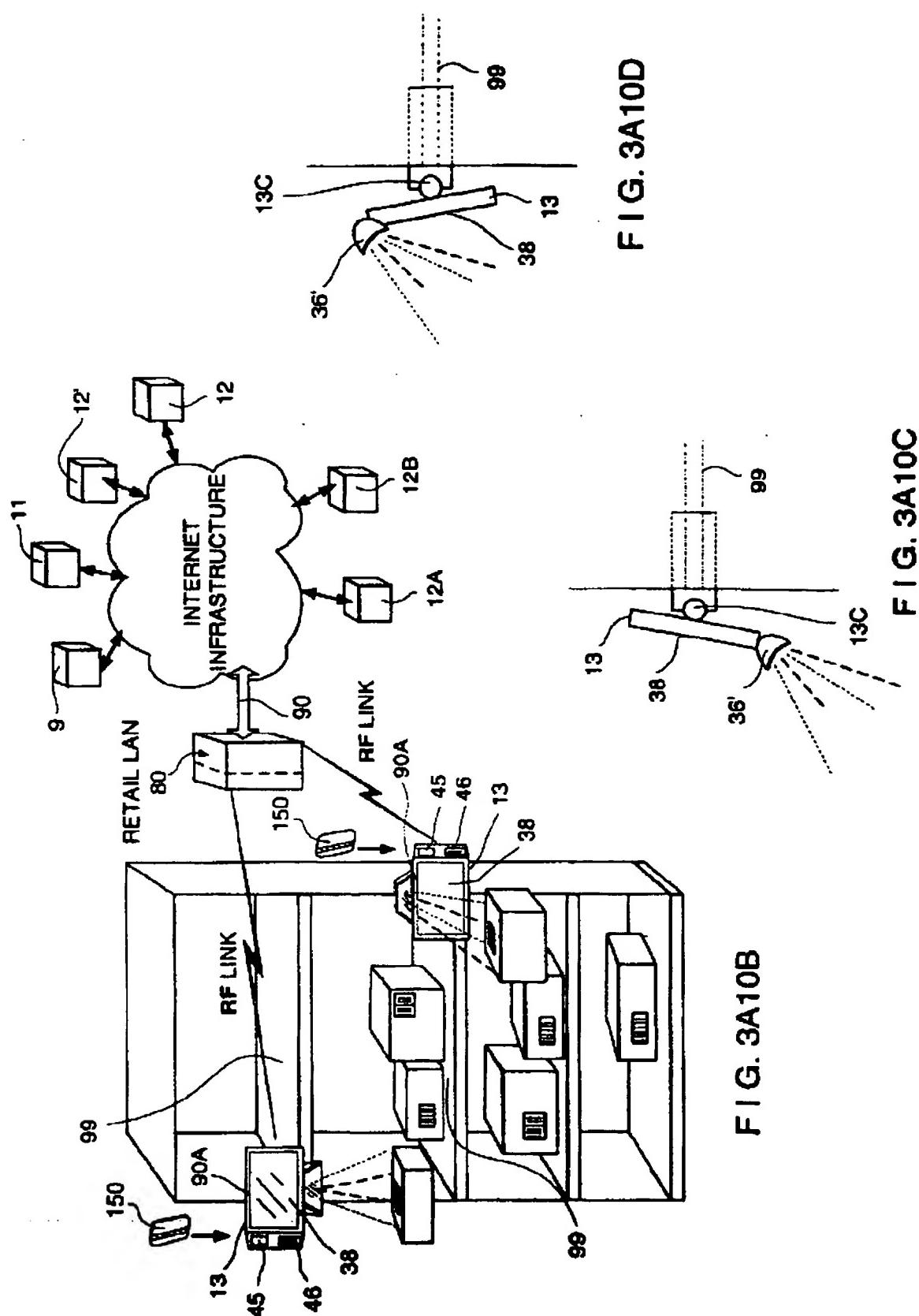


FIG. 3A10A



## **MASTER DATABASE TABLE**

### **MAINTAINED BY RETAILER DATABASE MANAGEMENT SUBSYSTEM**

FIG. 3A11

## **MASTER DATABASE TABLE MAINTAINED BY MANUFACTURER DATABASE MANAGEMENT SUBSYSTEM**

FIG. 3A12

(1) LAUNCH A CONSUMER PRODUCT INFORMATION (CPI) CAPTURE AND TRANSPORT APPLICATION SERVICE ON AN INTERNET ENABLED BAR CODE DRIVEN (BCD) CPI KIOSK OF THE PRESENT INVENTION CONFIGURED IN A RETAILER TCP/IP LOCAL OR WIDE AREA NETWORK DEPLOYED WITHIN A RETAIL SHOPPING ENVIRONMENT, AND (2) DISPLAY ON THE KIOSK SCREEN A CPI-TRANSPORTING "ELECTRONIC-MAIL" ENVELOPE HAVING A JAVA ENABLED GUI PROVIDED WITH

- i) A FIRST SINGLE-CLICK BUTTON FOR CAPTURING AND STORING AS AN HTML ENCODED DOCUMENT THEREIN, ANY CPI RELATED DOCUMENT BEING DISPLAYED ON THE BCD CPI KIOSK
- ii) A SECOND SINGLE-CLICK BUTTON FOR TRANSPORTING COPIES OF THE ENVELOPE TO THE E-MAIL ADDRESS OF CONSUMER
- iii) A CONSUMER E-MAIL ADDRESS FIELD FOR ENTERING THE E-MAIL ADDRESS OF THE CONSUMER/SHOPPER, TO WHICH A COPY OF THE E-MAIL ENVELOPE CAN BE AUTOMATICALLY SENT DURING TRANSPORT
- iv) A RETAILER E-MAIL ADDRESS FIELD CONTAINING A PRESENT E-MAIL ADDRESS OF THE RETAILER OPERATING THE KIOSK, INDICATING THE RETAIL STORE LOCATION, AND POSSIBLY THE RETAIL DEPARTMENT FROM WHICH THE CPI-TRANSPORTING ENVELOPE WAS SENT ON THE TIME AND DATE OF THE ELECTRONIC MESSAGE TRANSMISSION

A

ENTER THE CONSUMER E-MAIL ADDRESS INTO THE CONSUMER E-MAIL ADDRESS FIELD OF THE ENVELOPE (e.g. BY MANUALLY TYPING THE E-MAIL ADDRESS, READING A BAR CODED CONSUMER IDENTIFICATION CARD HAVING THE CONSUMER'S E-MAIL ADDRESS AND OTHER INFORMATION ENCODED THEREWITHIN, OR BY READING A MAGNETIC STRIPE TYPE CONSUMER IDENTIFICATION CARD ENCODED WITH THE SAME OR SIMILAR INFORMATION USING A MAGNETIC STRIPE READER INTERFACED WITH THE BCD CPI KIOSK)

B



FIG. 3A13A

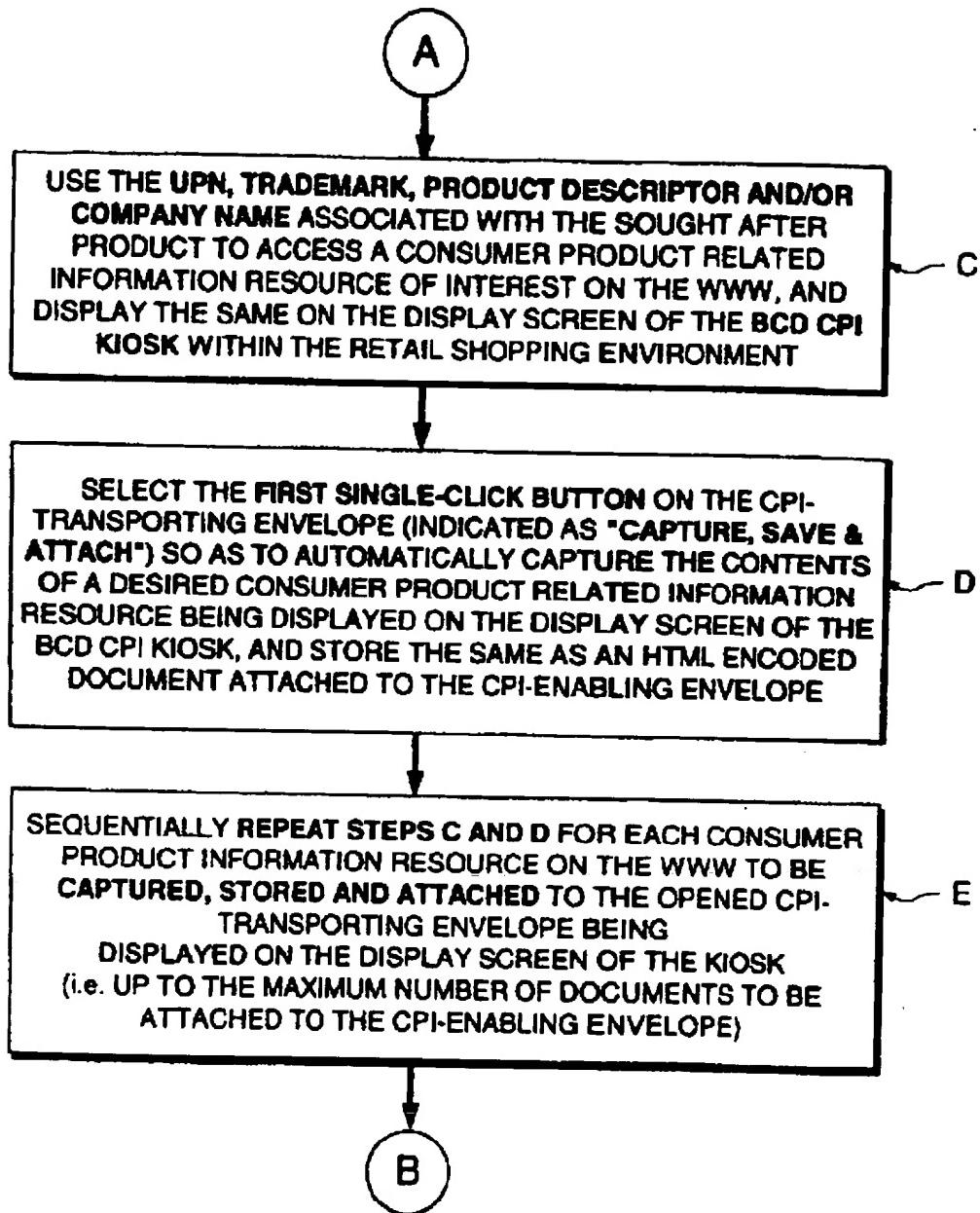


FIG. 3A13B

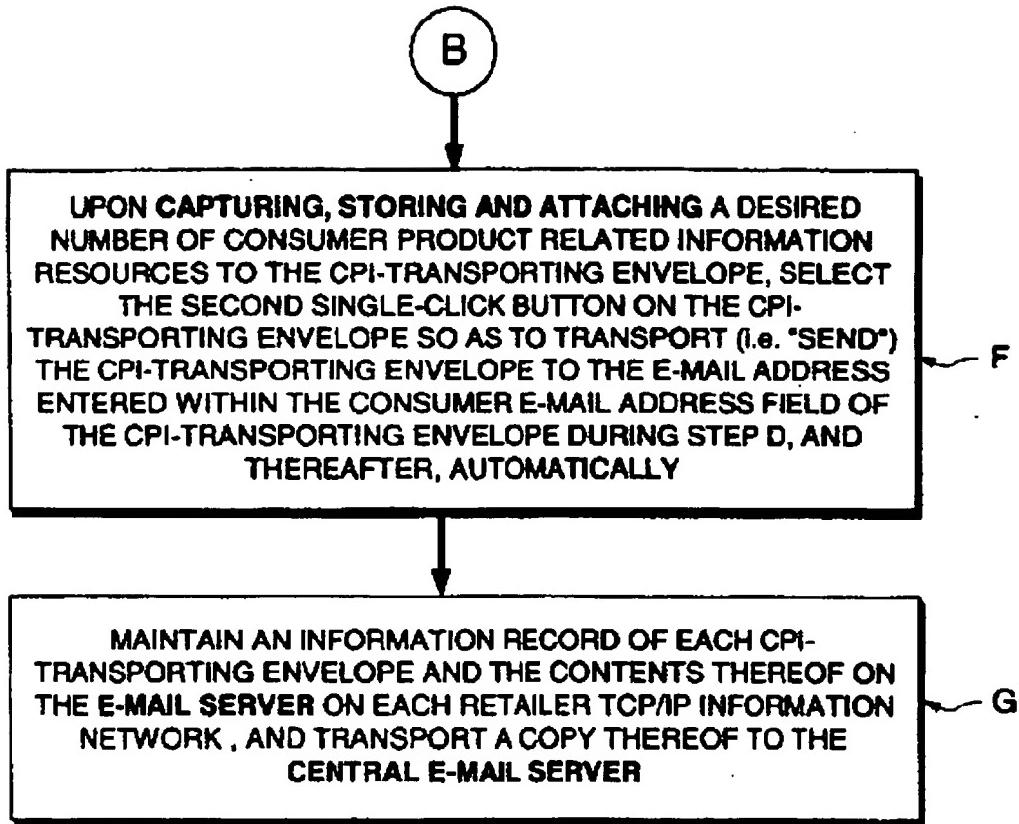


FIG. 3A13C

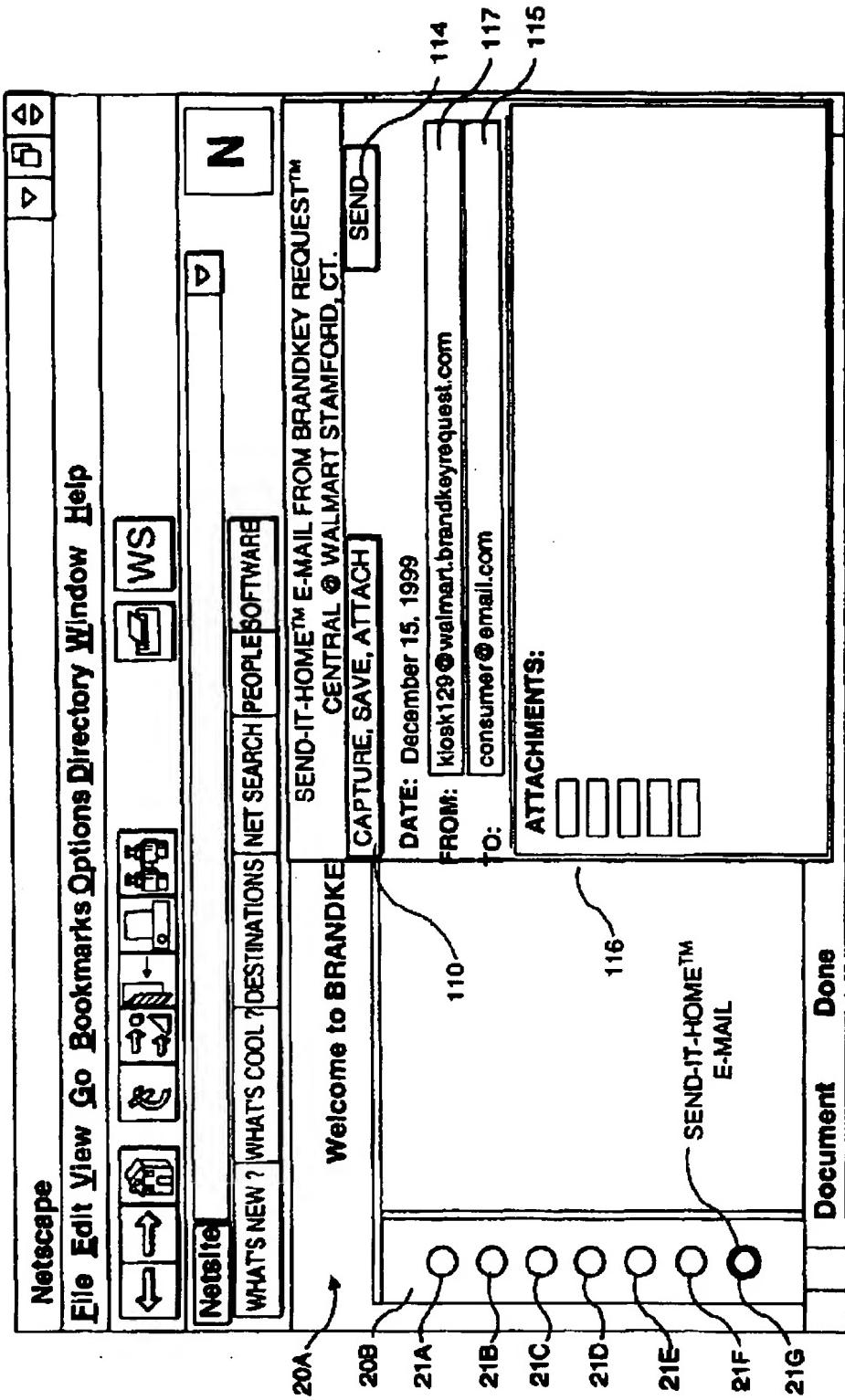


FIG. 3A14

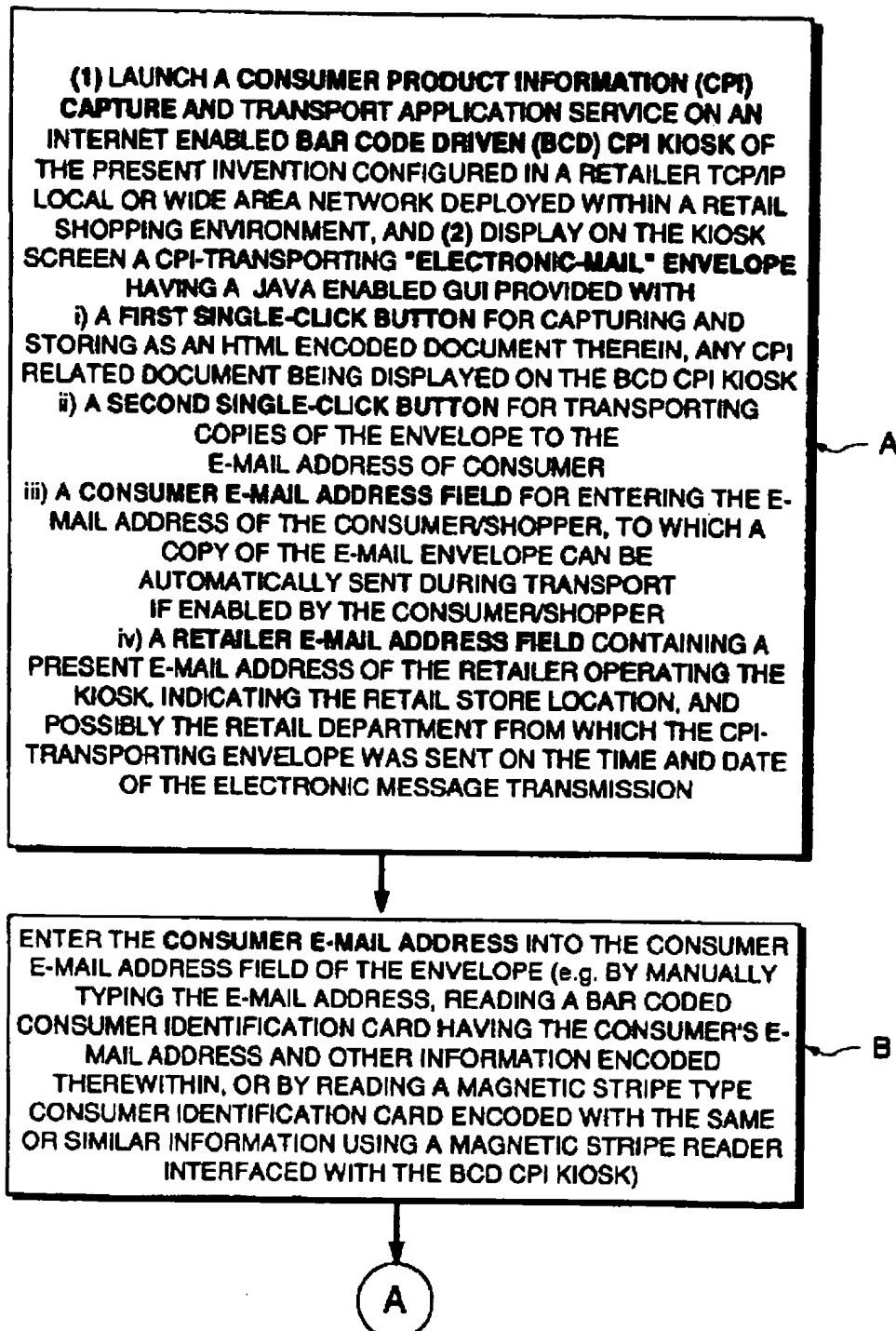


FIG. 3A15A

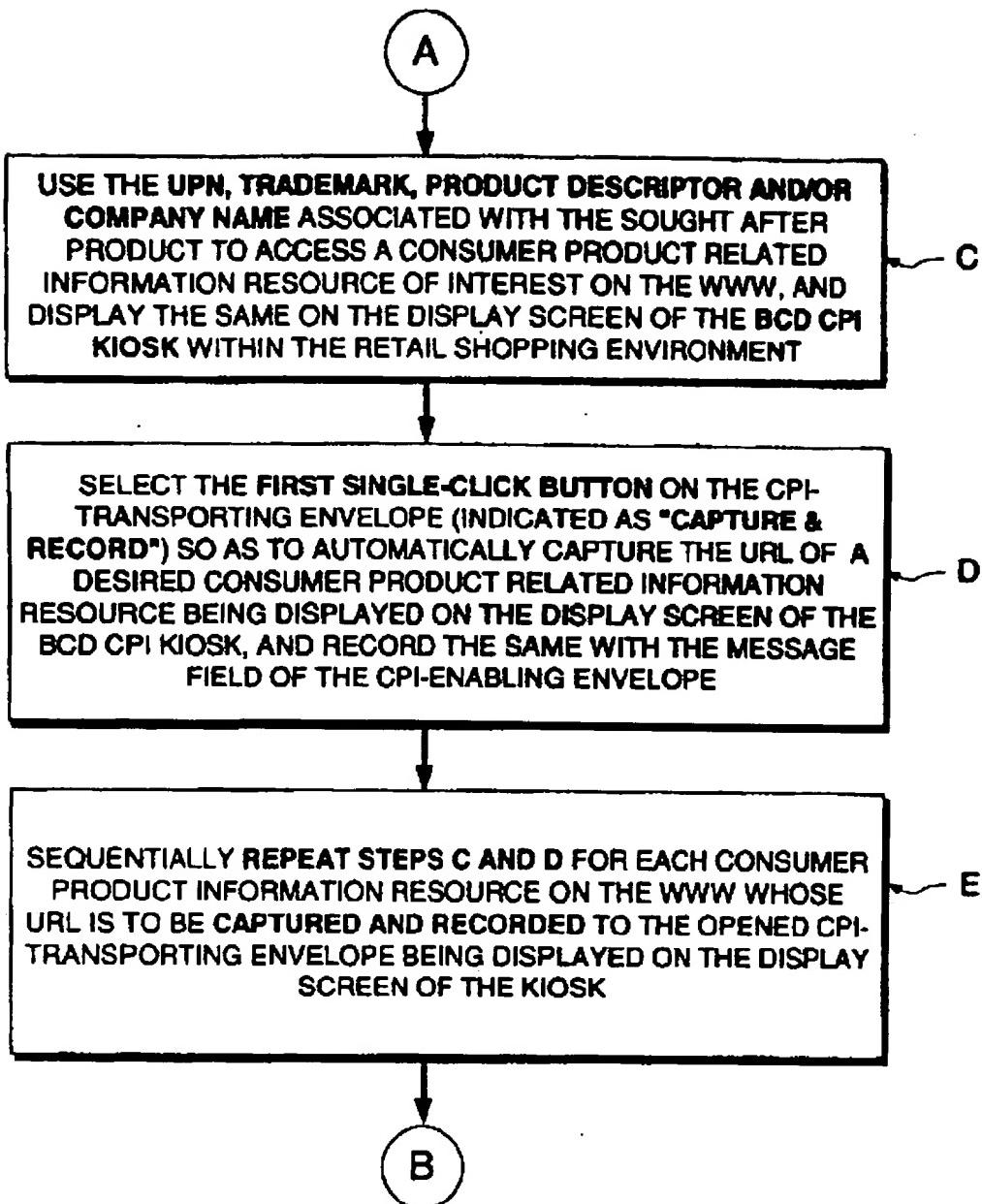


FIG. 3A15B

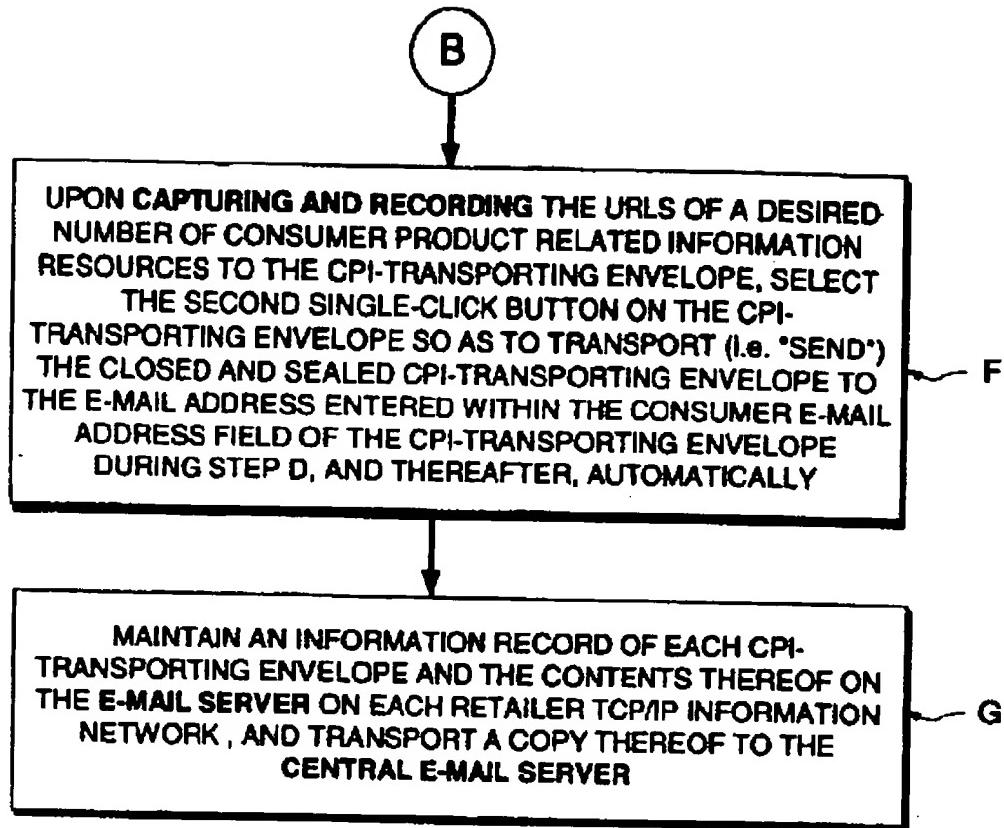


FIG. 3A15C

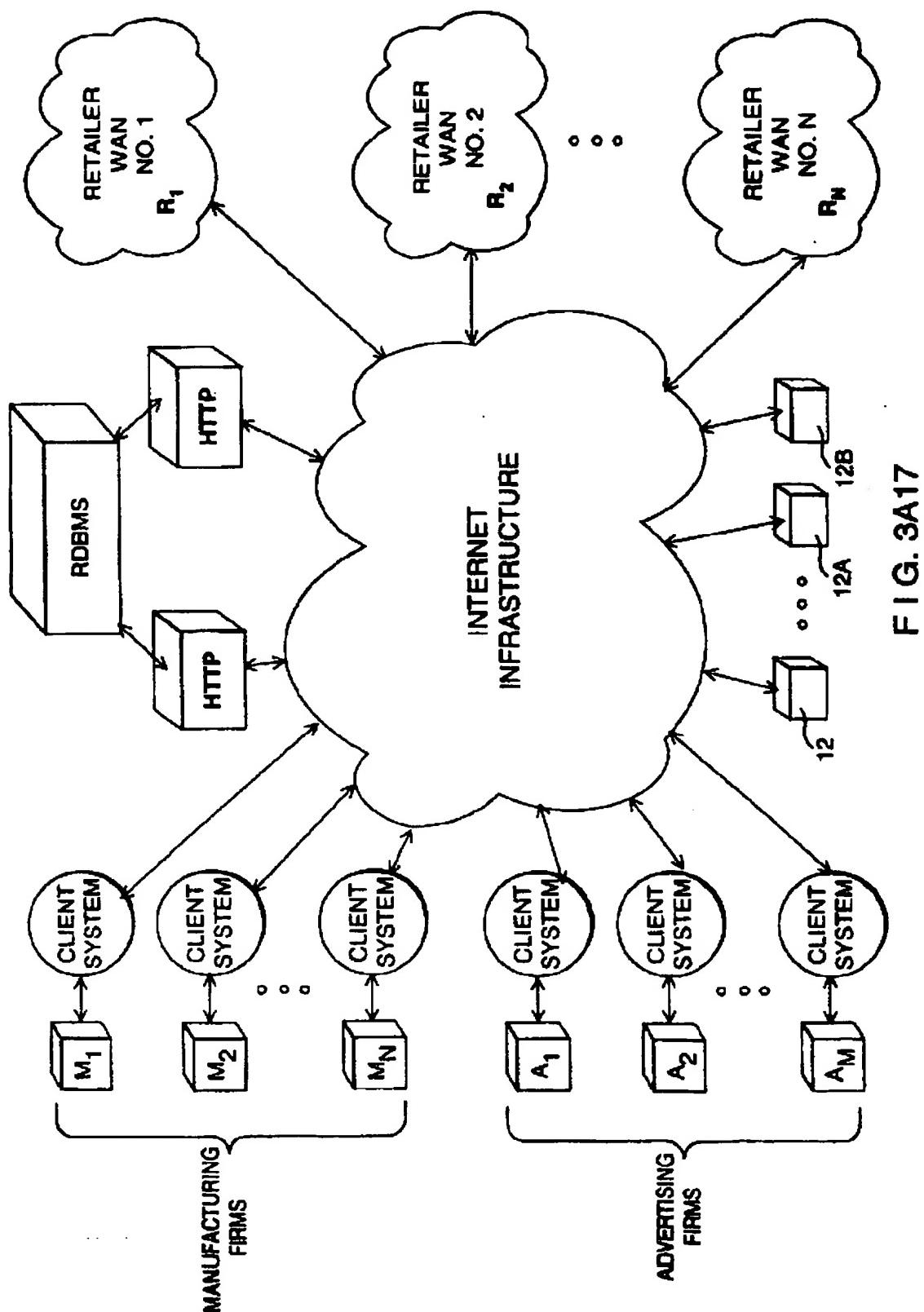


FIG. 3A17

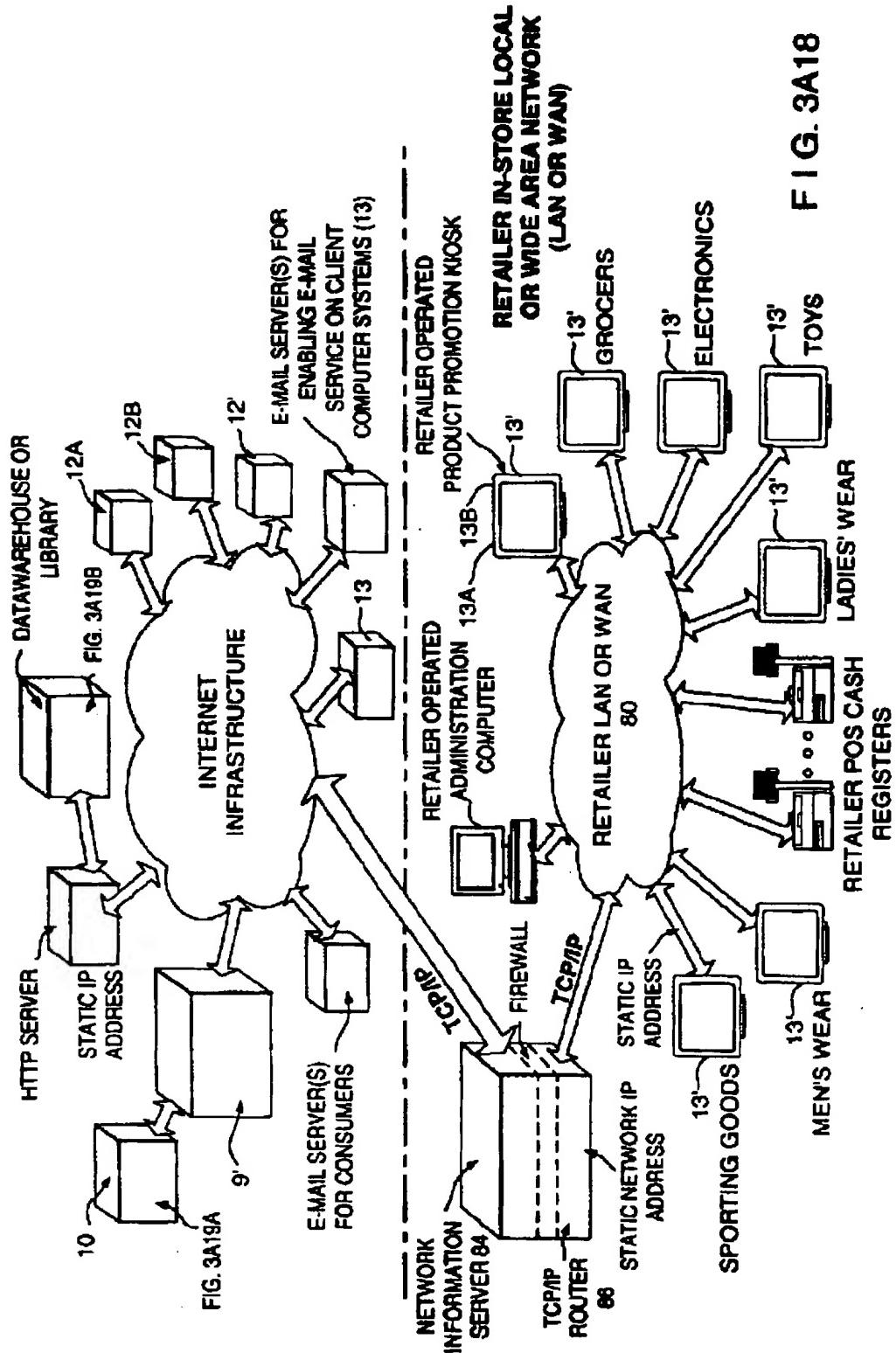
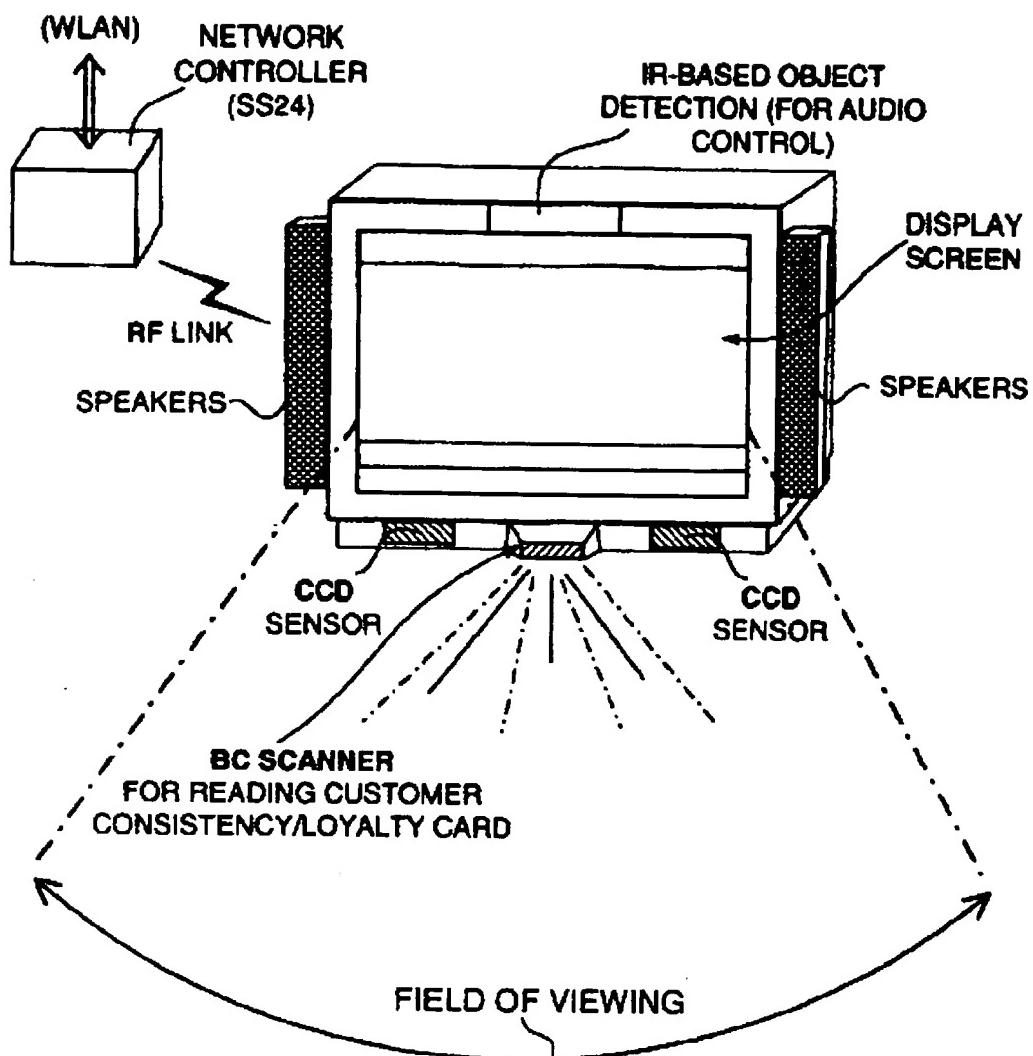


FIG. 3A19A

**FEATURES:**

- EYE TRAINING AND ACCOUNTING SUBSYSTEM
- TRACKS DETECTED EYEBALL

FIG. 3A19C

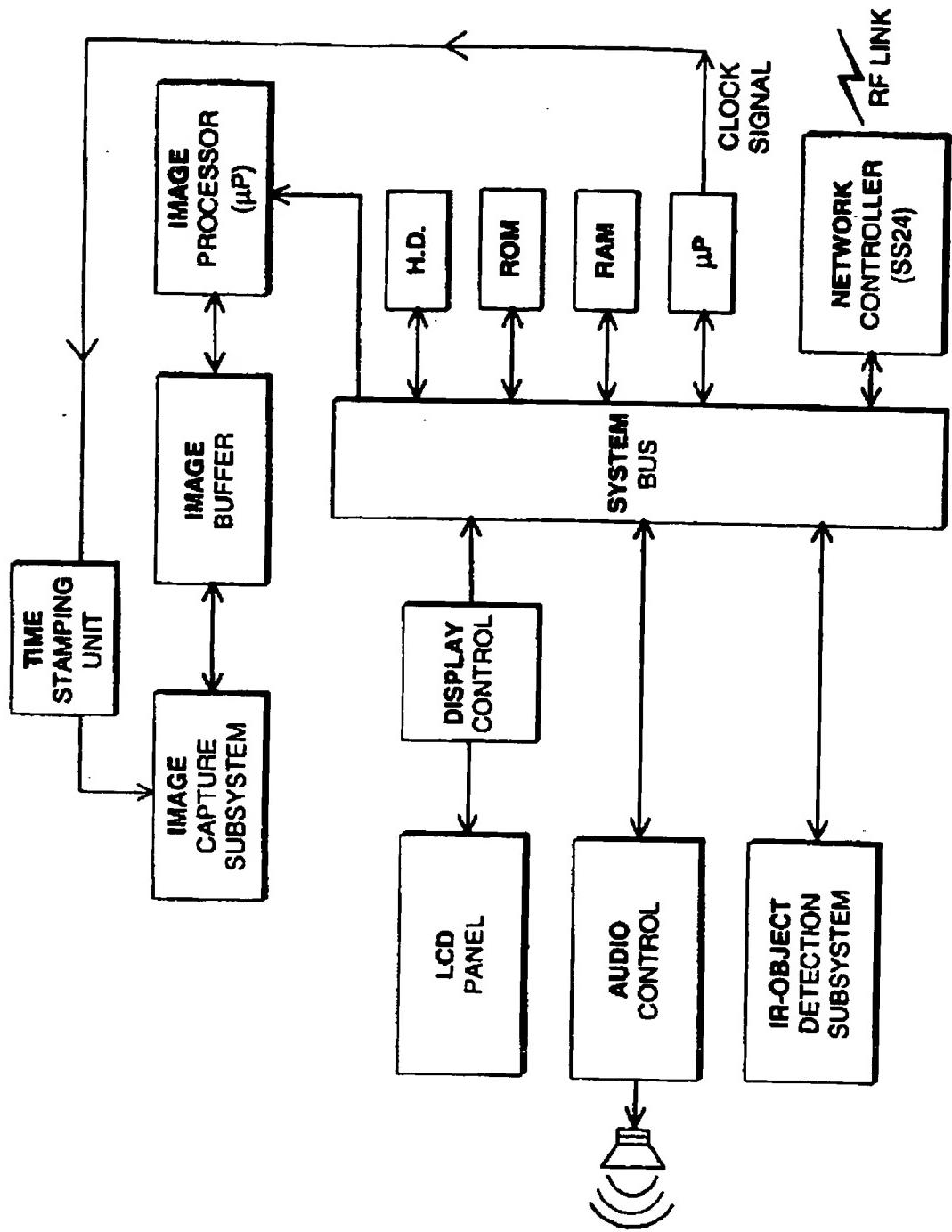


FIG. 3A19D

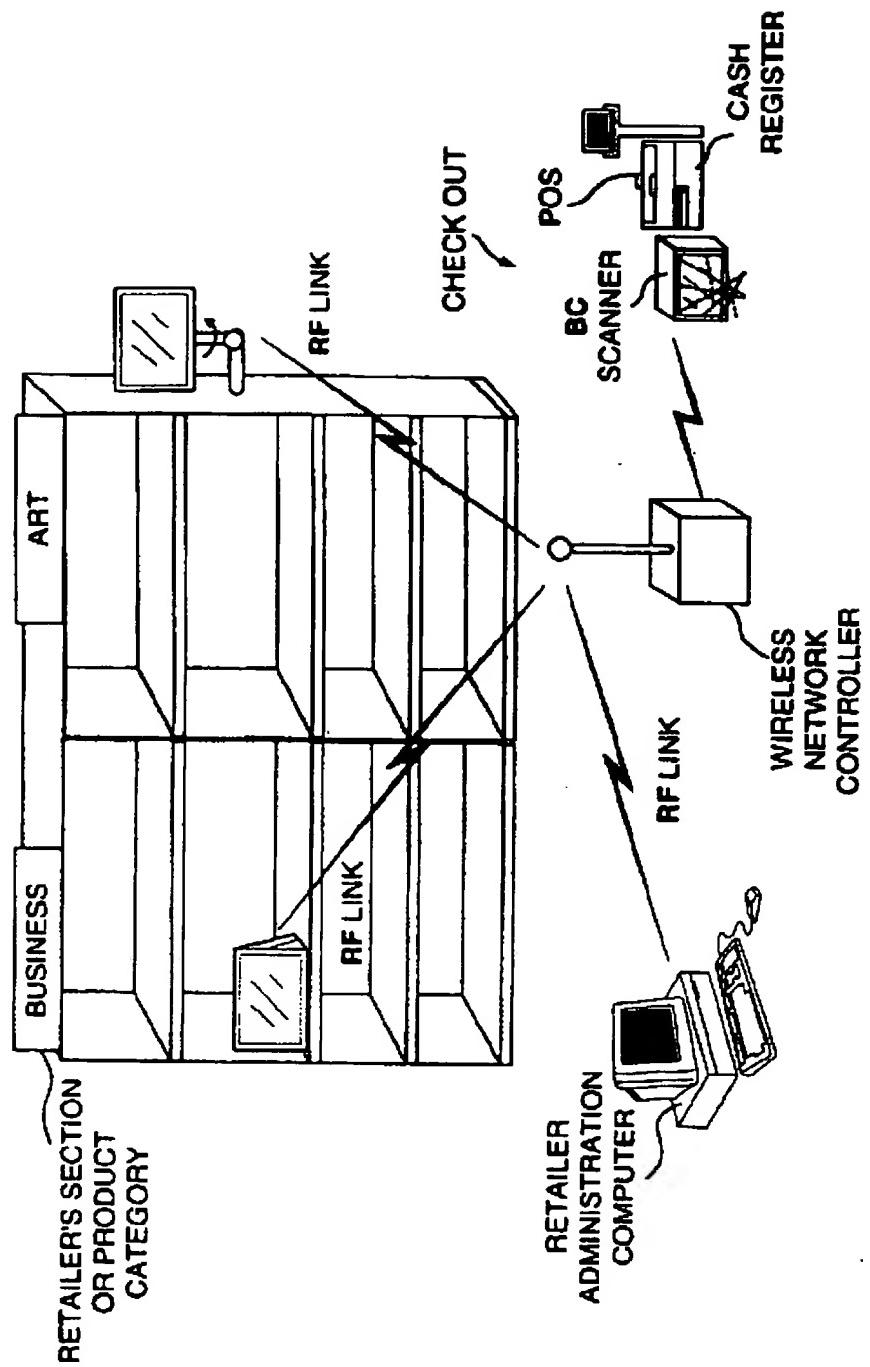


FIG. 3A20

DISPLAY FRAME FOR DISPLAYING THE RETAILER'S IDENTITY/IMAGE  
SELECTED BY RETAILER (URL-DF1)

DISPLAY FRAME FOR DISPLAYING A PRODUCT ADVERTISEMENT CREATED  
BY MANUFACTURER AND/OR AGENT THEREOF (URL-DF2),  
AND SELECTED BY RETAILER

DISPLAY FRAME FOR DISPLAYING A PROMOTIONAL MESSAGE  
ABOUT THE ADVERTISED PRODUCT, SELECTED BY RETAILER (URL-DF3)  
DISPLAY FRAME FOR DISPLAYING THE LOCATION OF THE ADVERTISED PRODUCT IN THE  
RETAIL STORE OR IN THE RETAILER'S ELECTRONIC STORE,  
SELECTED BY RETAILER (URL-DF4)

F I G. 3A21A

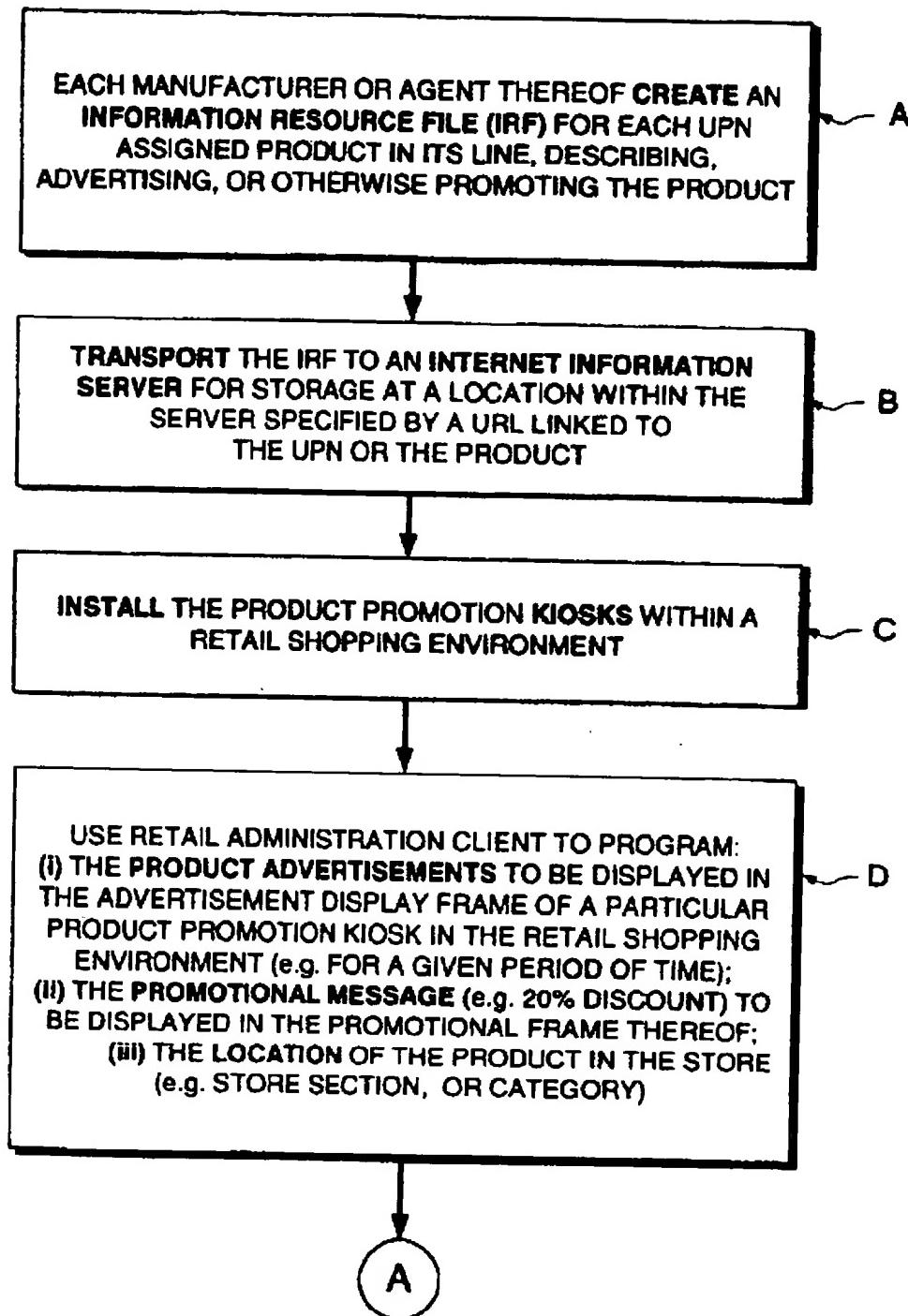


FIG. 3A22A

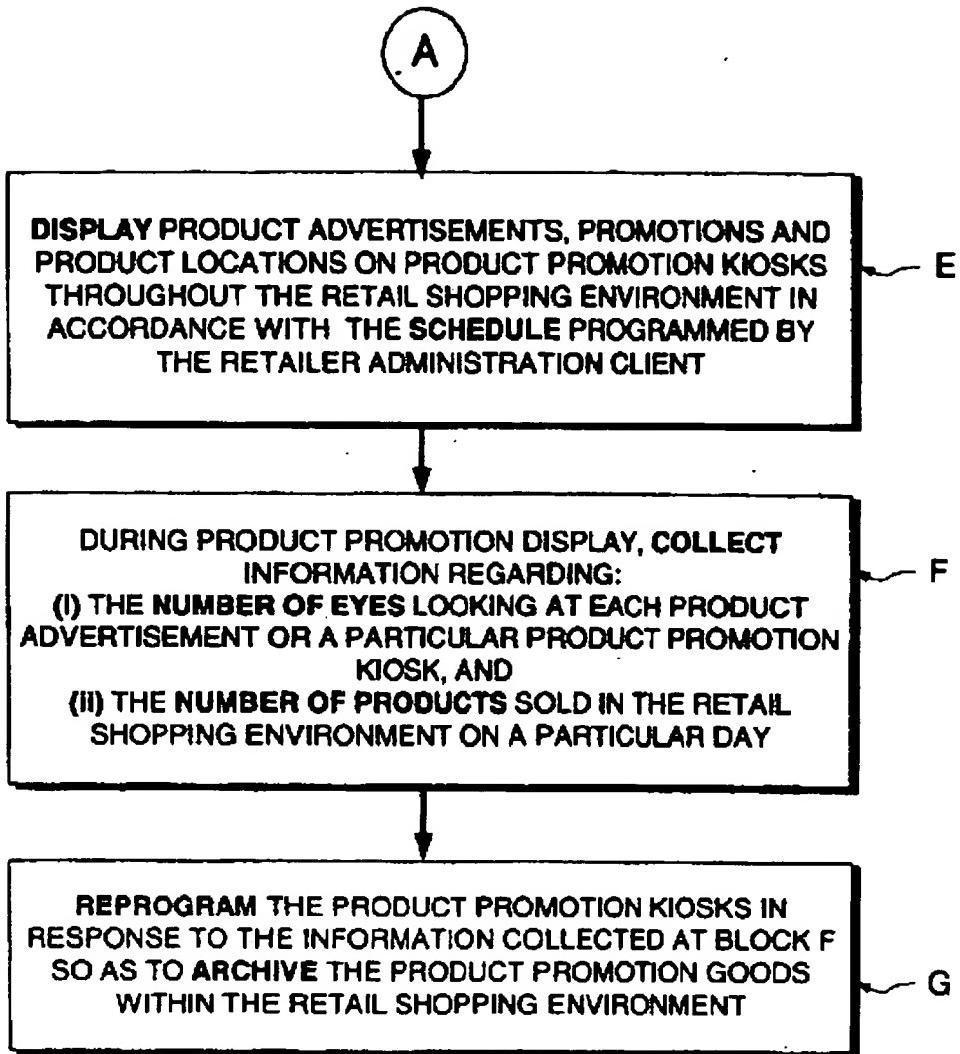


FIG. 3A22B

## PRODUCT PROMOTION PROGRAMMING TABLE

FIG. 3A23

REPORT

FIG. 3A24

18

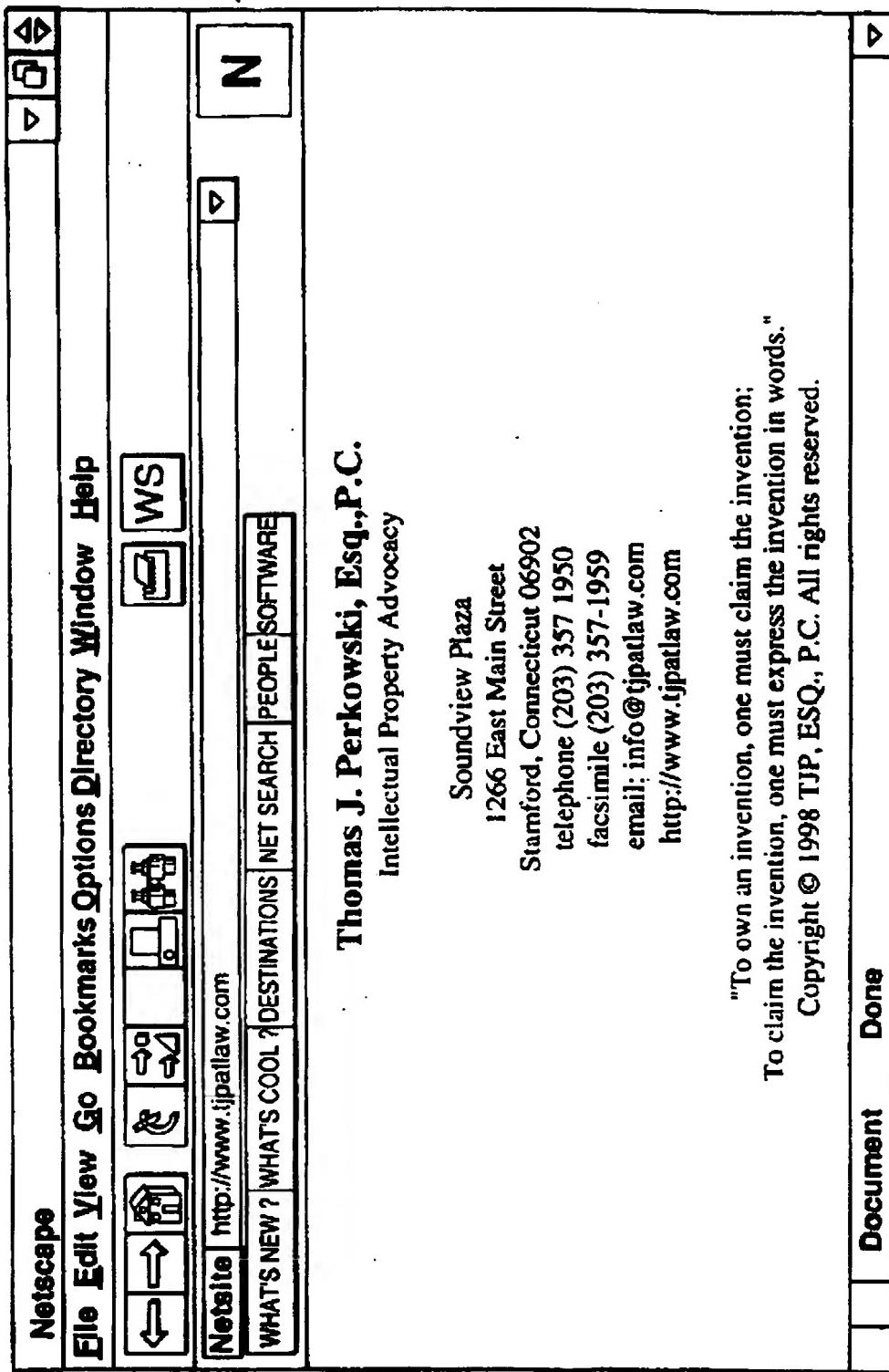


FIG. 3B

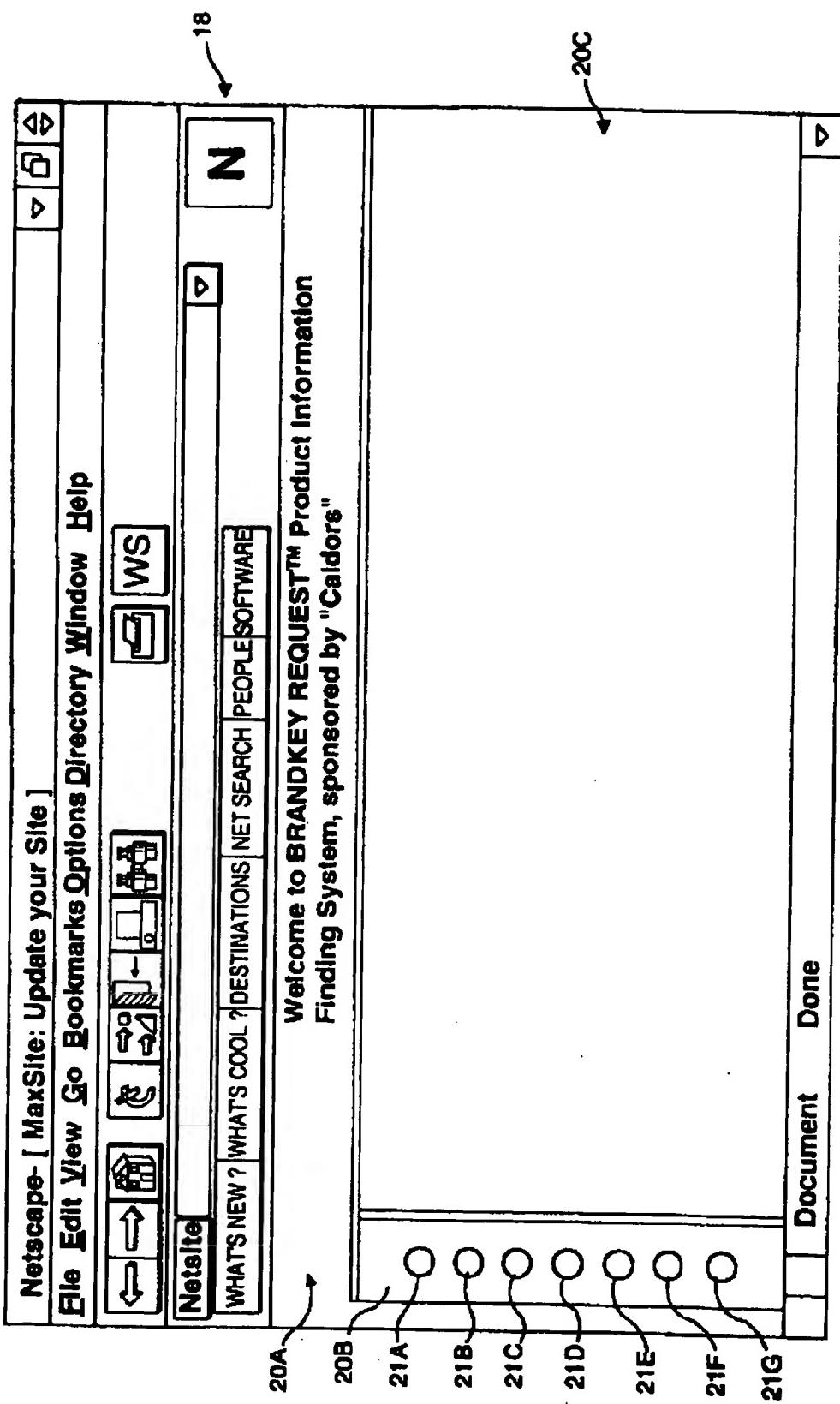


FIG. 3C

IP / SN	REGISTRANTS NAME AND ADDRESS	PRODUCT DESCRIPTION	UNIFORM RESOURCE LOCATOR (URL)	TRADE/ SERVICE MARKS	E-mail ADDRESS	CPIR APPLETS	STATUS
718888/17674/ 0	APPLE COMPUTER, INC. CUPERTINO, CA.	POWER MAC 7600/120 COMPUTER	http://www.power.com/pc	POWER MAC			
03731006	PROCTOR & GAMBLE	TOOTH PASTE	http://www.tooth.com/pc	CREST			
3/1254/889404/ 0	WARNER WELCOME	ACID REDUCER	http://www.zantac.com/pc	ZANTAC ZANTAC 75			
000005/17843/ 4	KODAK, INC.	FILM PROCESSING	http://www.kodak.com/pc	KODAK			
• •	• •	• •	• •	• •	• •	• •	• •
02724251057/ 0	SONY, INC.	PERSONAL COMPUTER	http://www.sony.com/pc	SONY			

FIG. 4A1

CONSUMER PRODUCT INFO. REQUEST,  
CPIR-ENABLING APPLET LIBRARY

FIG. 4A2

IP / S/N	REGISTRANT'S NAME AND ADDRESS	PRODUCT DESCRIPTION	TRADE/SERVICE MARKS	E-MAIL ADDRESS	STATUS
7/05089/37460/7	NETSCAPE COMMUNICATIONS CORP.	INTERNET NAVIGATOR	NETSCAPE, NAVIGATOR		
0/30000/01020/4	QUAKER, INC.	OATMEAL	QUAKER		
0/496/390/1	COLA COLA, INC.	COCA SODA	COCA-COLA, COKE		
0/7599/24245/2	PAT METHANY	AUDIO CD	GEFFEN		
:	:	:	:	:	...

FIG. 4B

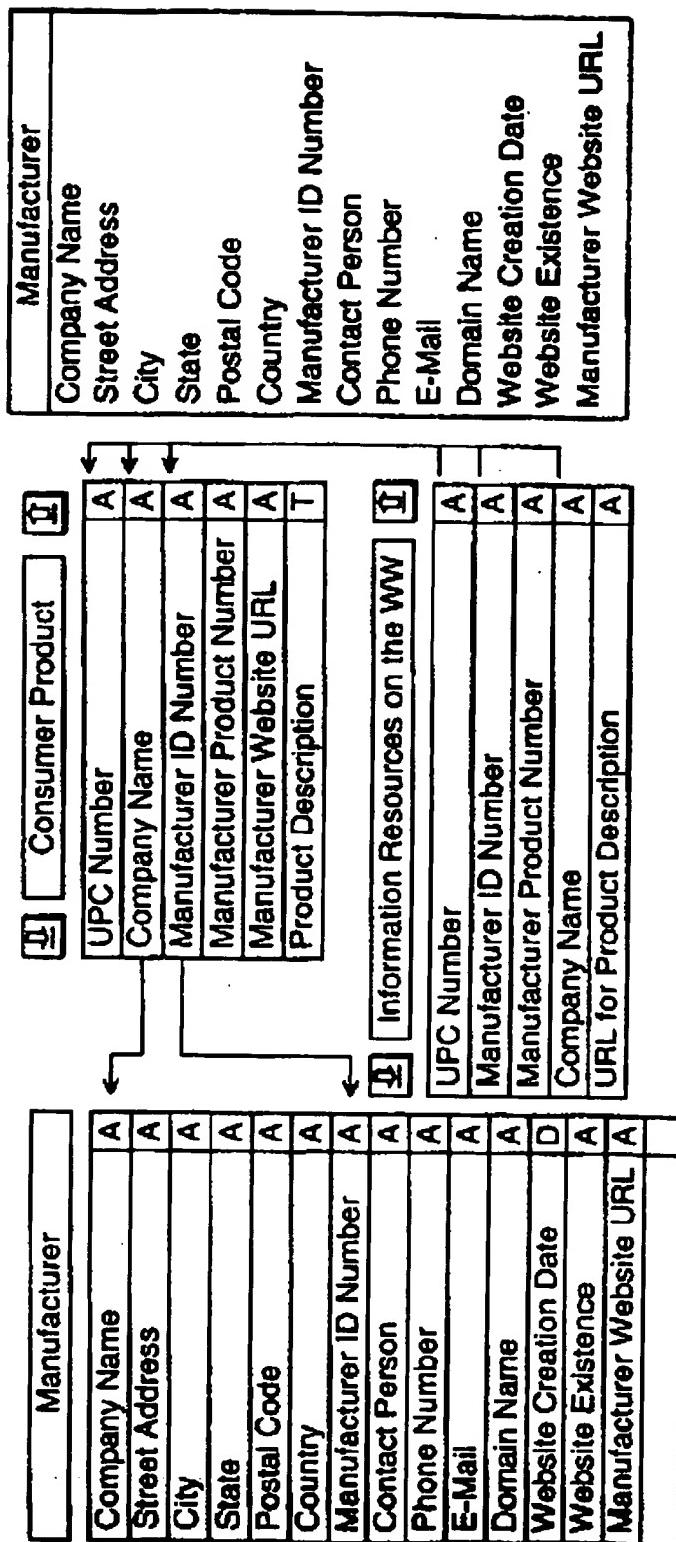


FIG. 4C1

FIG. 4C

Info. Resources on WWW	
UPC Number	Manufacturer ID Number
Company Name	URL For Product Description
Manufacturer Product Number	URL For Product Manual
Product Description	URL For Warranty Service
Primary Trademark	URL For WWW Advertisement
Secondary Trademark	URL For WWW Advertisement
Package Type	URL For Product Wholesaler
UPC Symbol Type	URL For Product Wholesaler
Website Marking on Package	URL For Product Wholesaler
800 Consumer Phone Number	URL For Product Retailer No.1
	URL For Product Retailer No.2
	URL For Product Retailer No.3
	URL For Direct Product Purchase
	URL For Complementary Product
	URL For Complementary Product
	URL For Complementary Product
	URL For Company Annual Report
	URL For Company Stock Purchase

FIG. 4C3

Consumer Product	
UPC Number	Company Name
Company Name	Manufacturer ID Number
Manufacturer Product Number	Manufacturer Website URL
Product Description	Primary Trademark
Secondary Trademark	Package Type
UPC Symbol Type	Website Marking on Package
800 Consumer Phone Number	

FIG. 4C2

RETAILER
Company Name
Street Address
City
State
Postal Code
Country
Manufacturer ID Number
Contact Person
Phone Number
E-Mail
Domain Name
Website Creation Date
Website Existence
Manufacturer Website URL
Manufacturer No. 1
Manufacturer No. 2
Manufacturer No. 3
Manufacturer No. 4
Manufacturer No. 5
Manufacturer No. 6
Manufacturer No. 7
Manufacturer No. 8
Manufacturer No. 9
Manufacturer No. 10
⋮
Manufacturer No. N

FIG. 4D

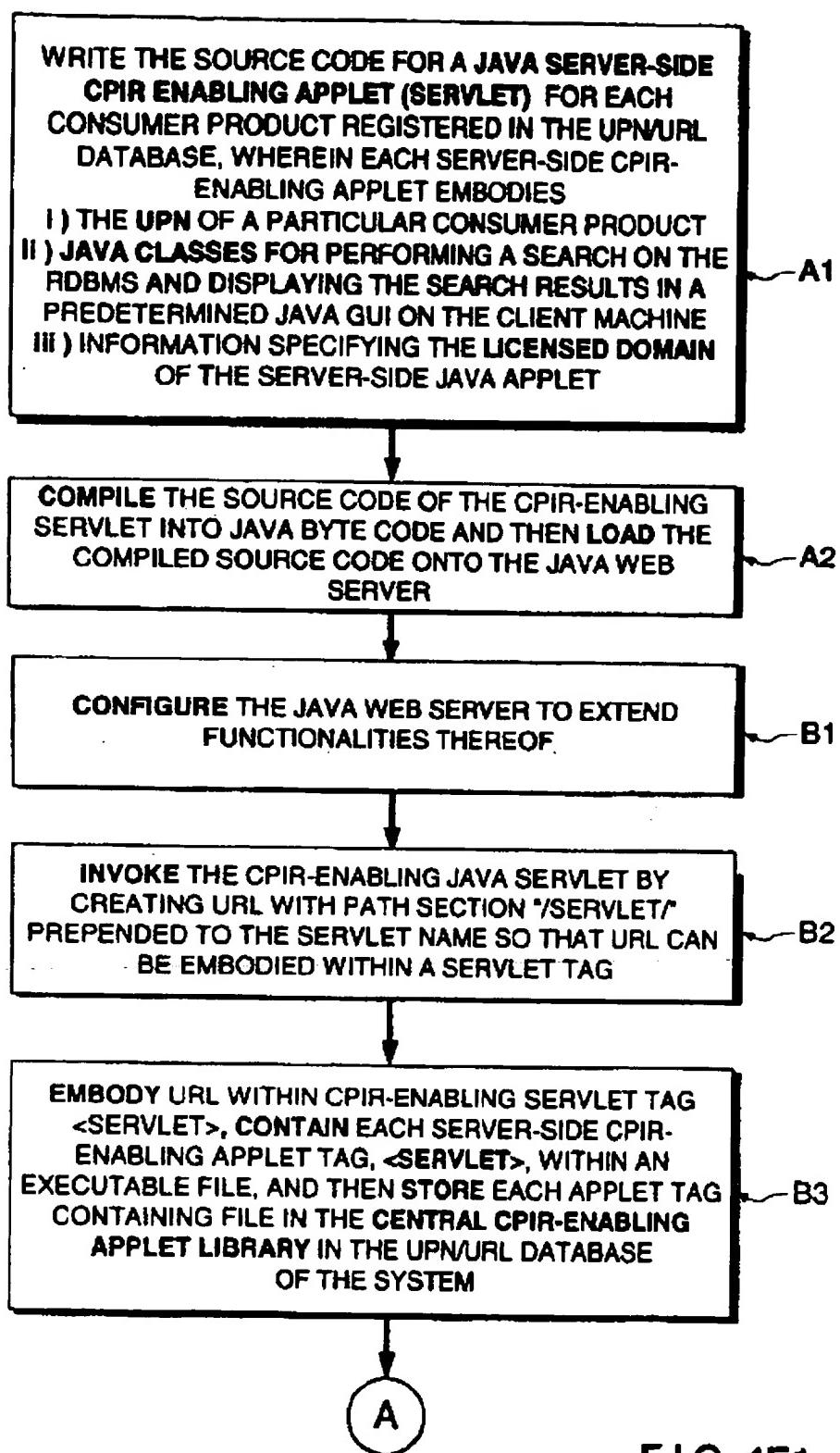


FIG. 4E1

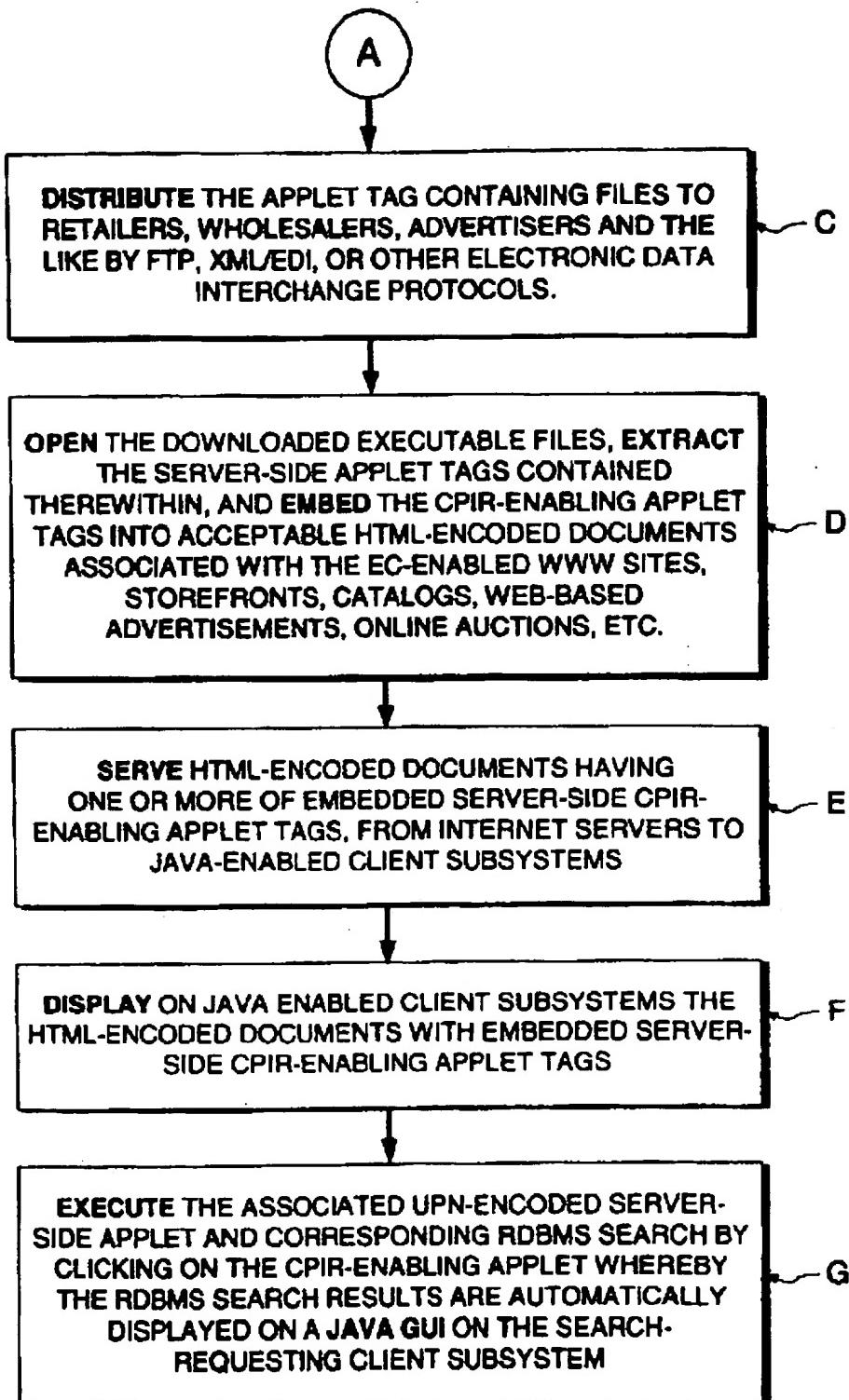
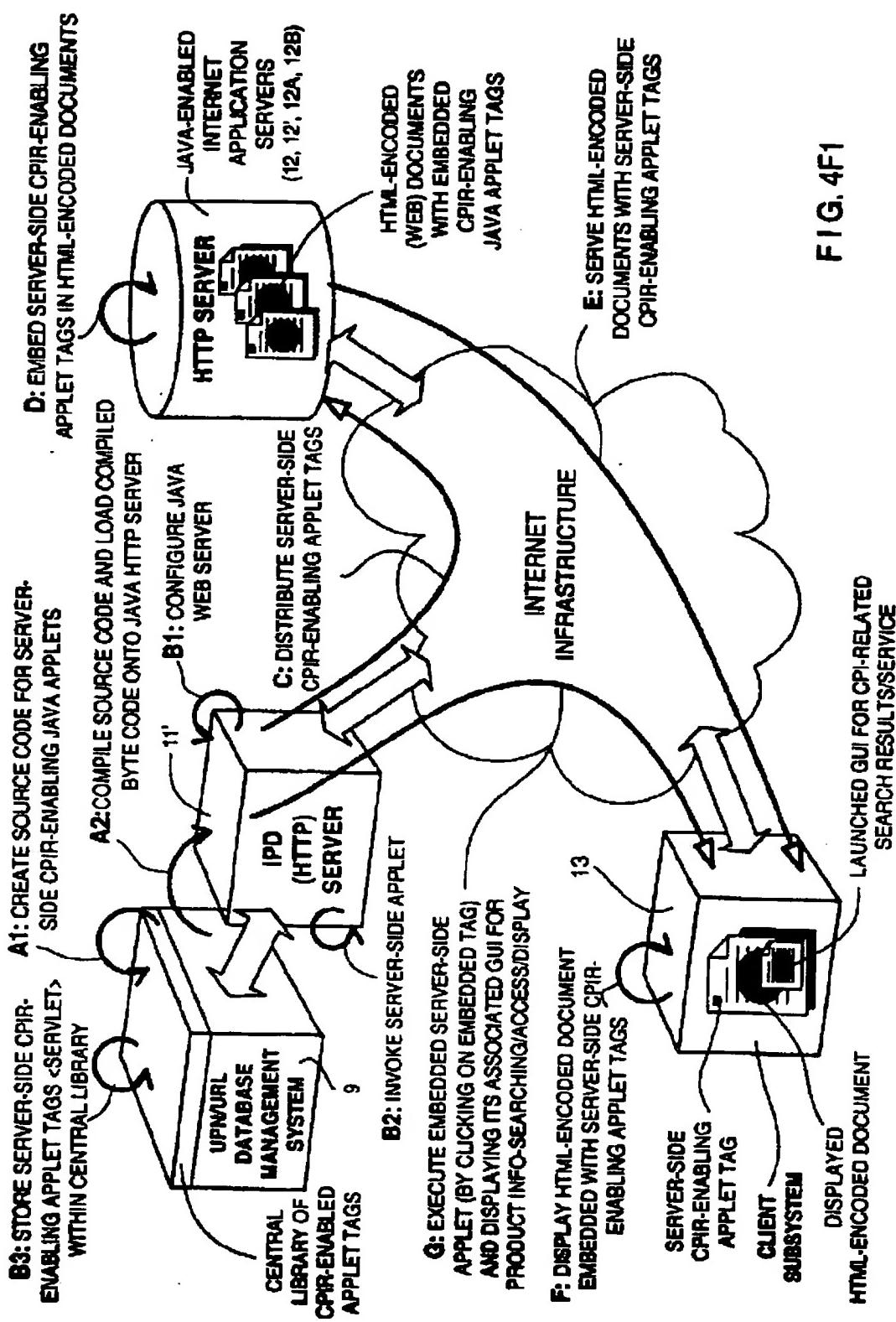
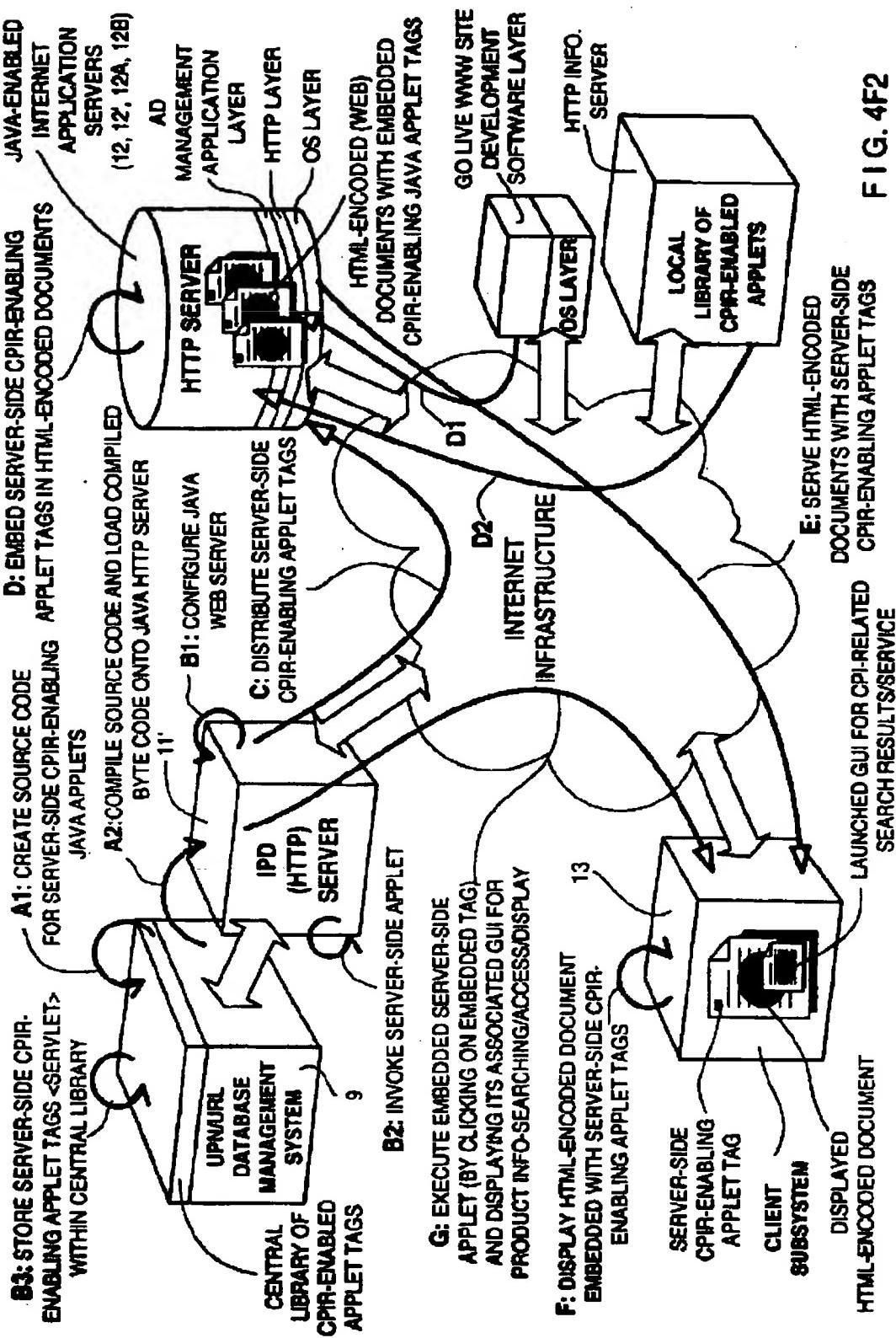


FIG. 4E2





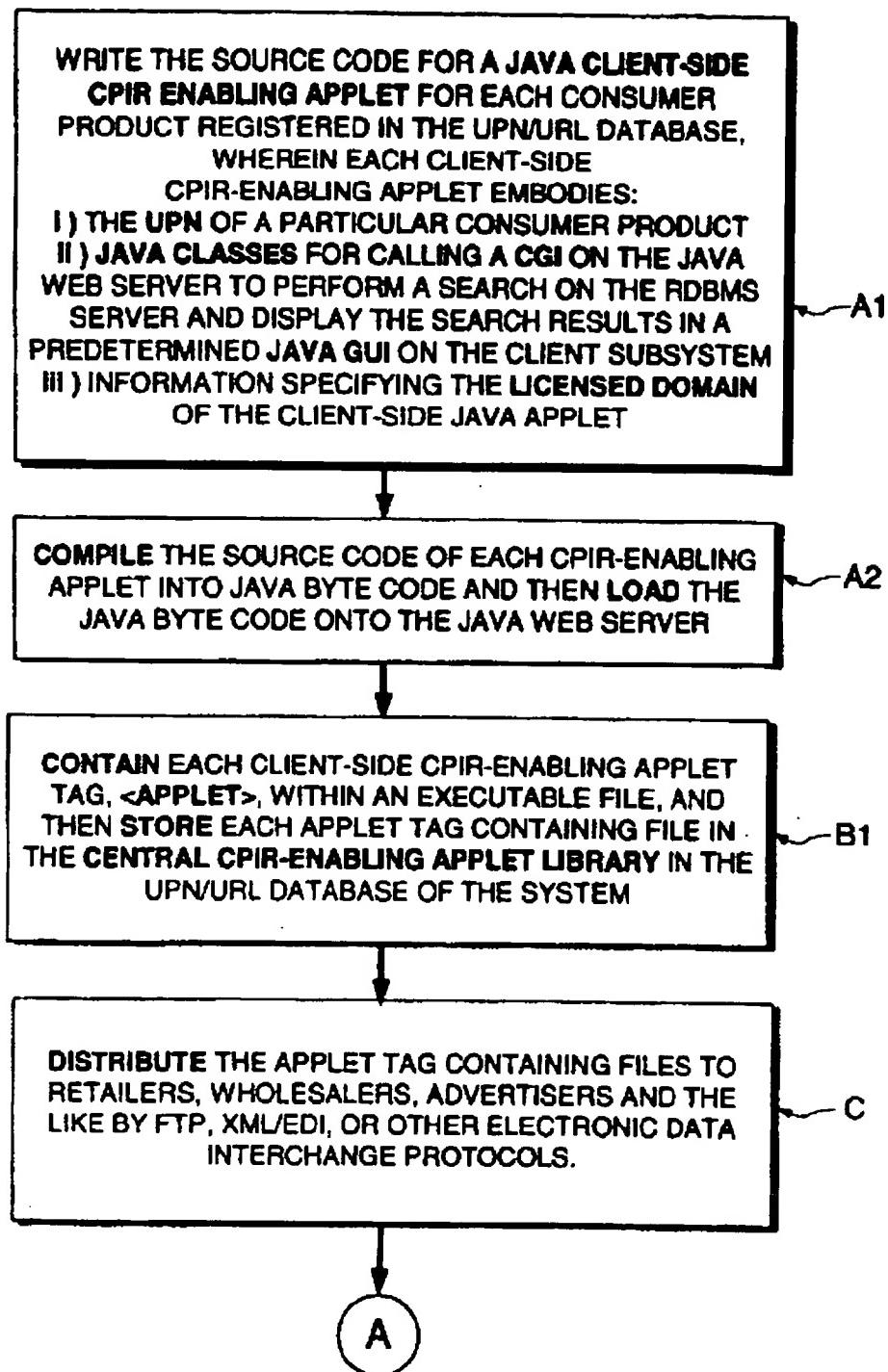


FIG. 4G1

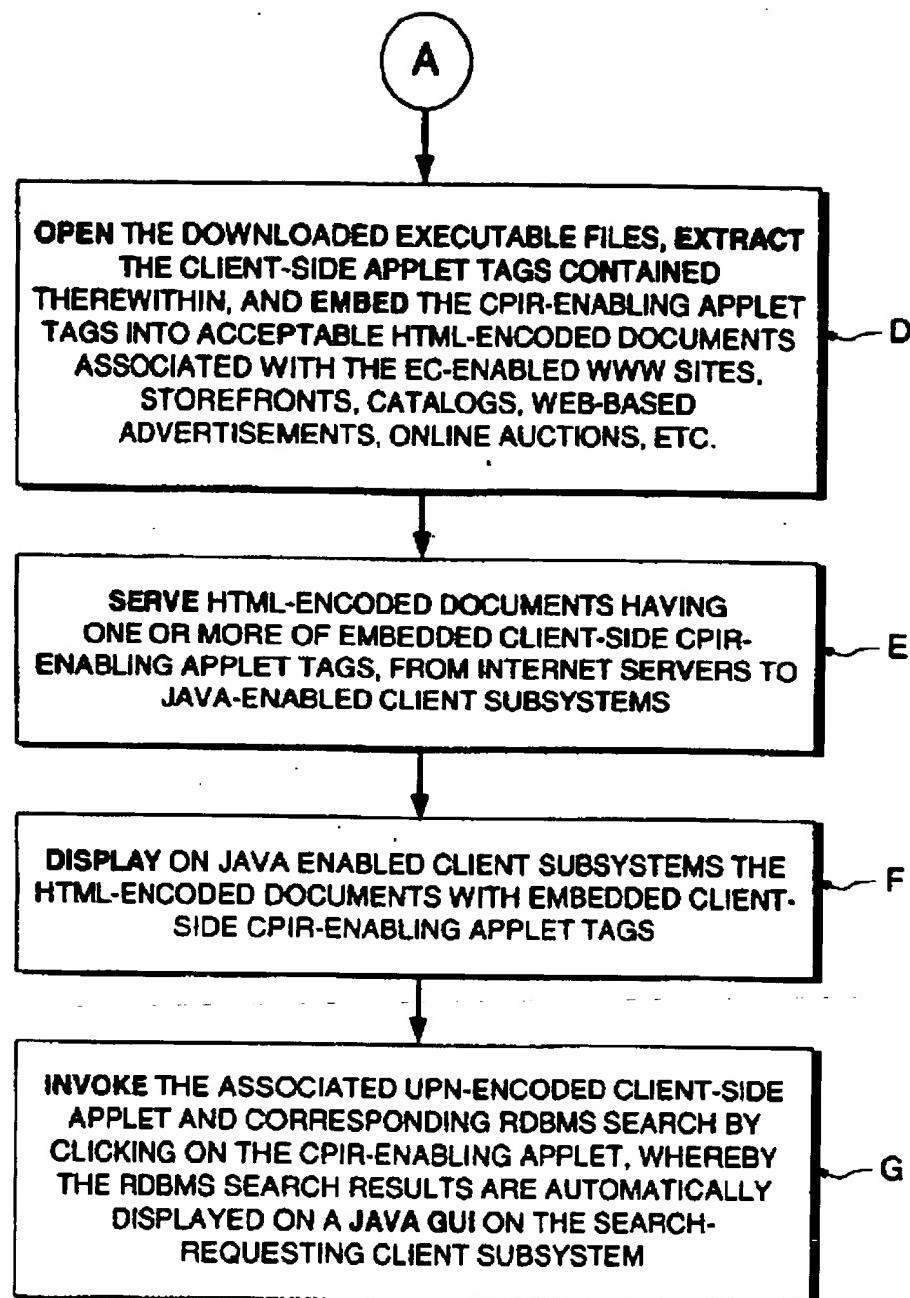


FIG. 4G2

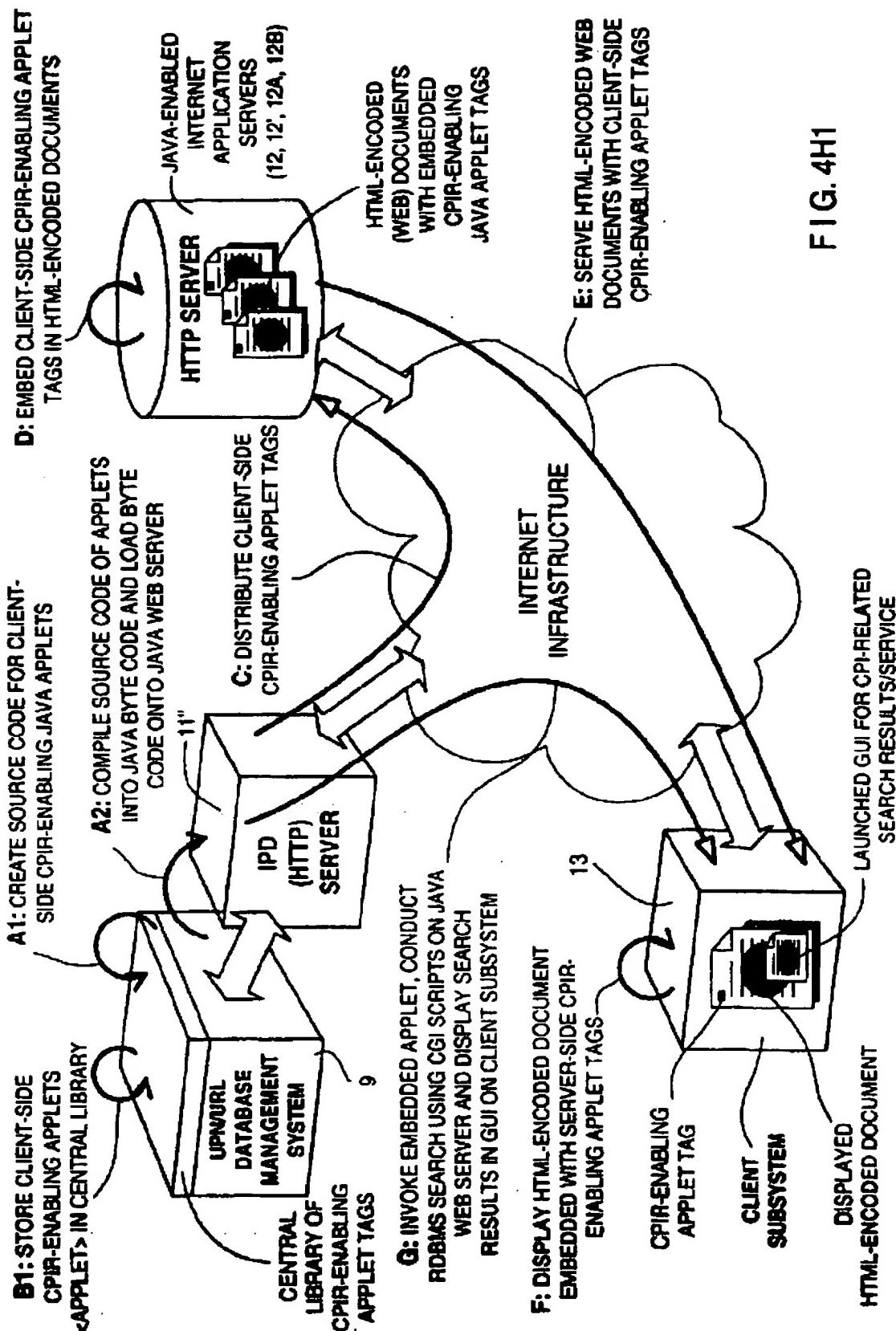


FIG. 4H1

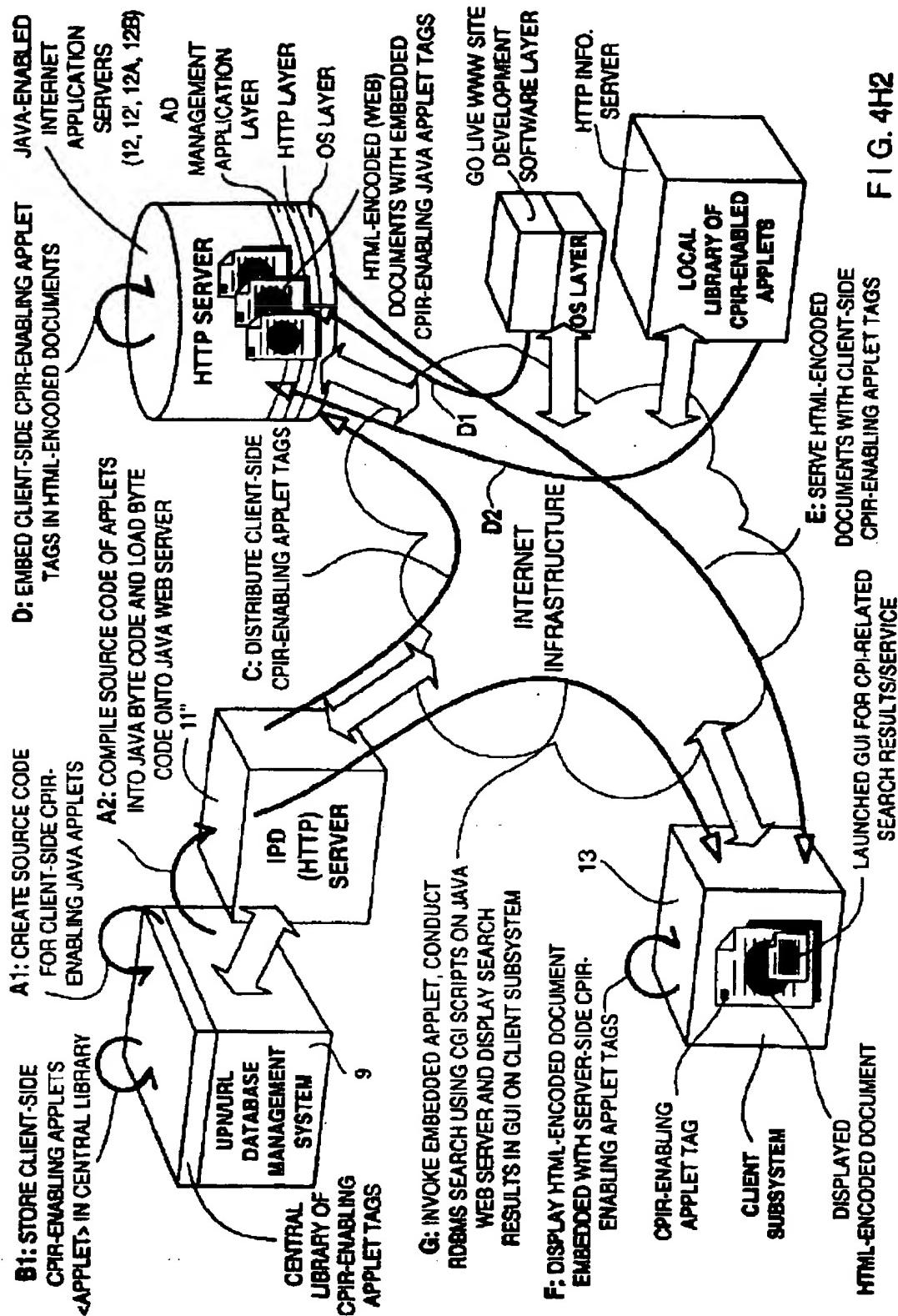


FIG. 4H2

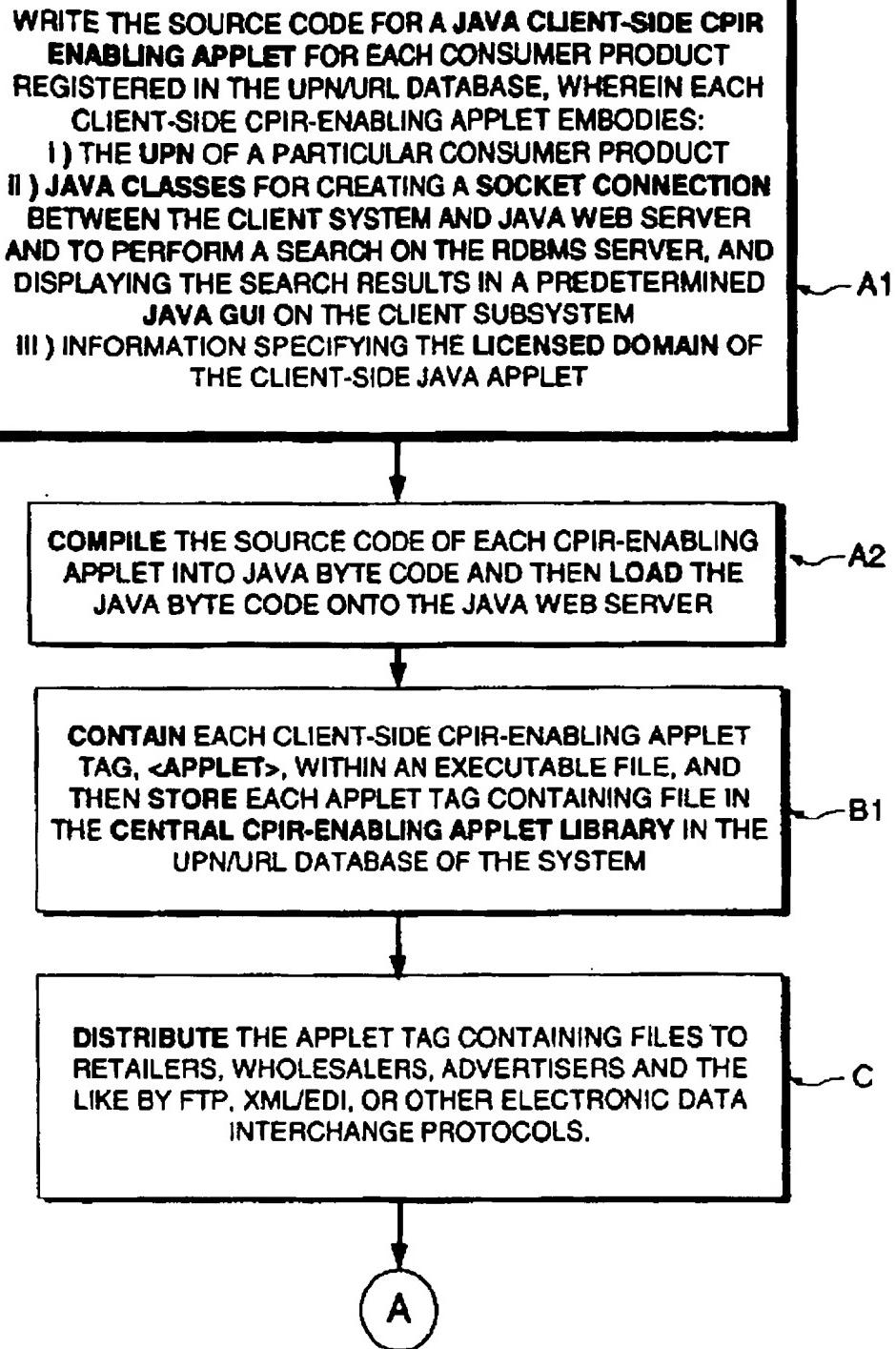


FIG. 4I1

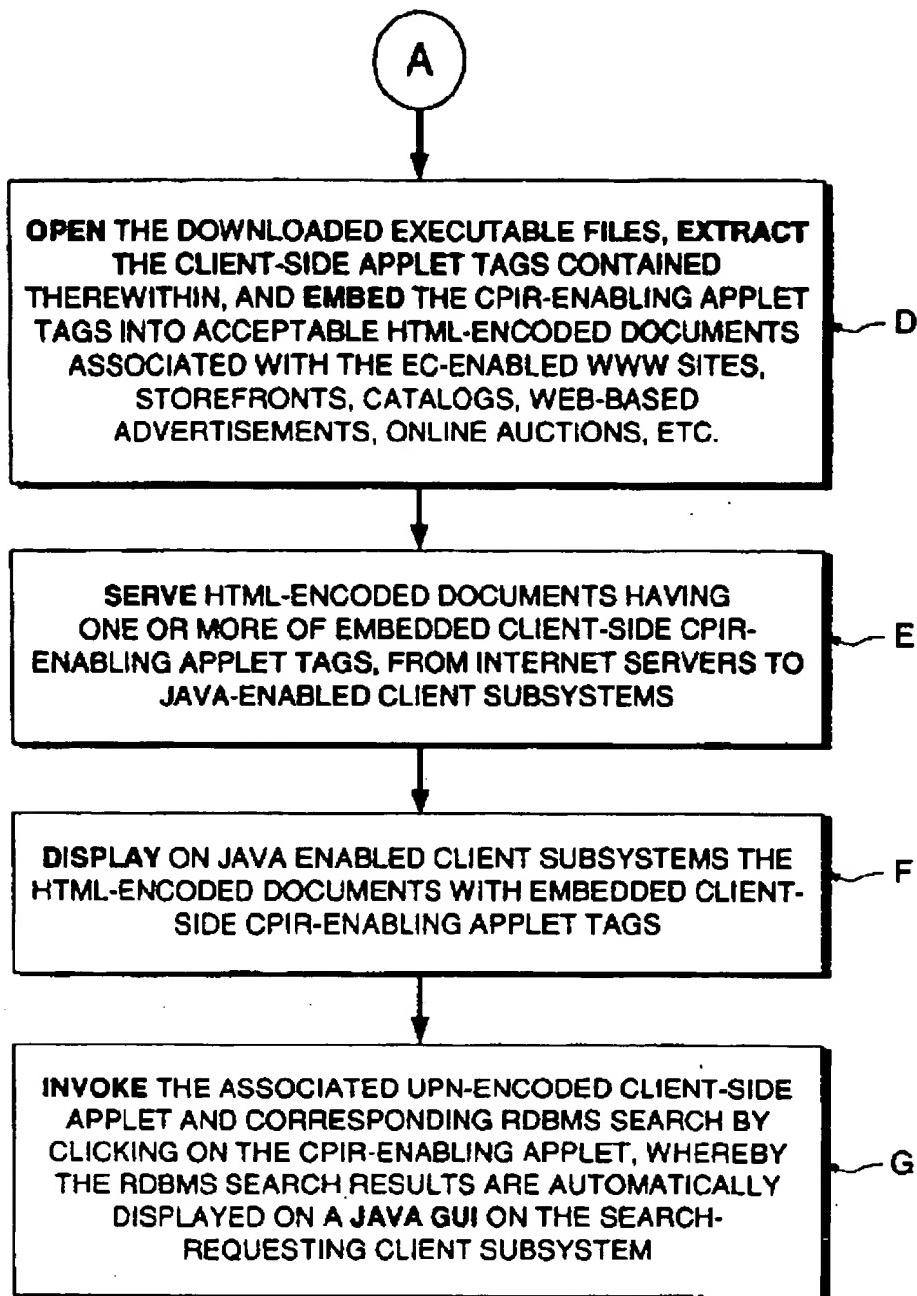
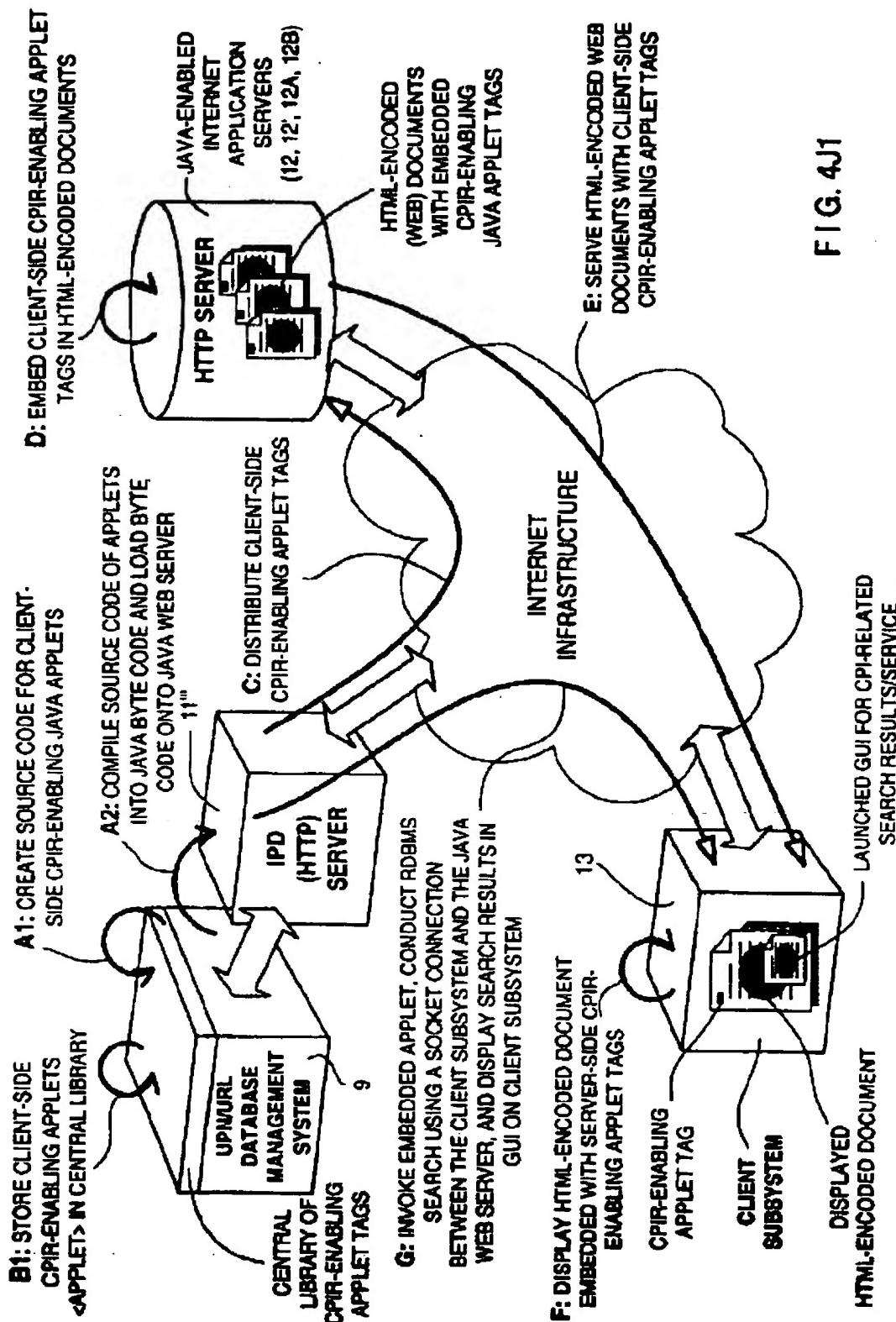
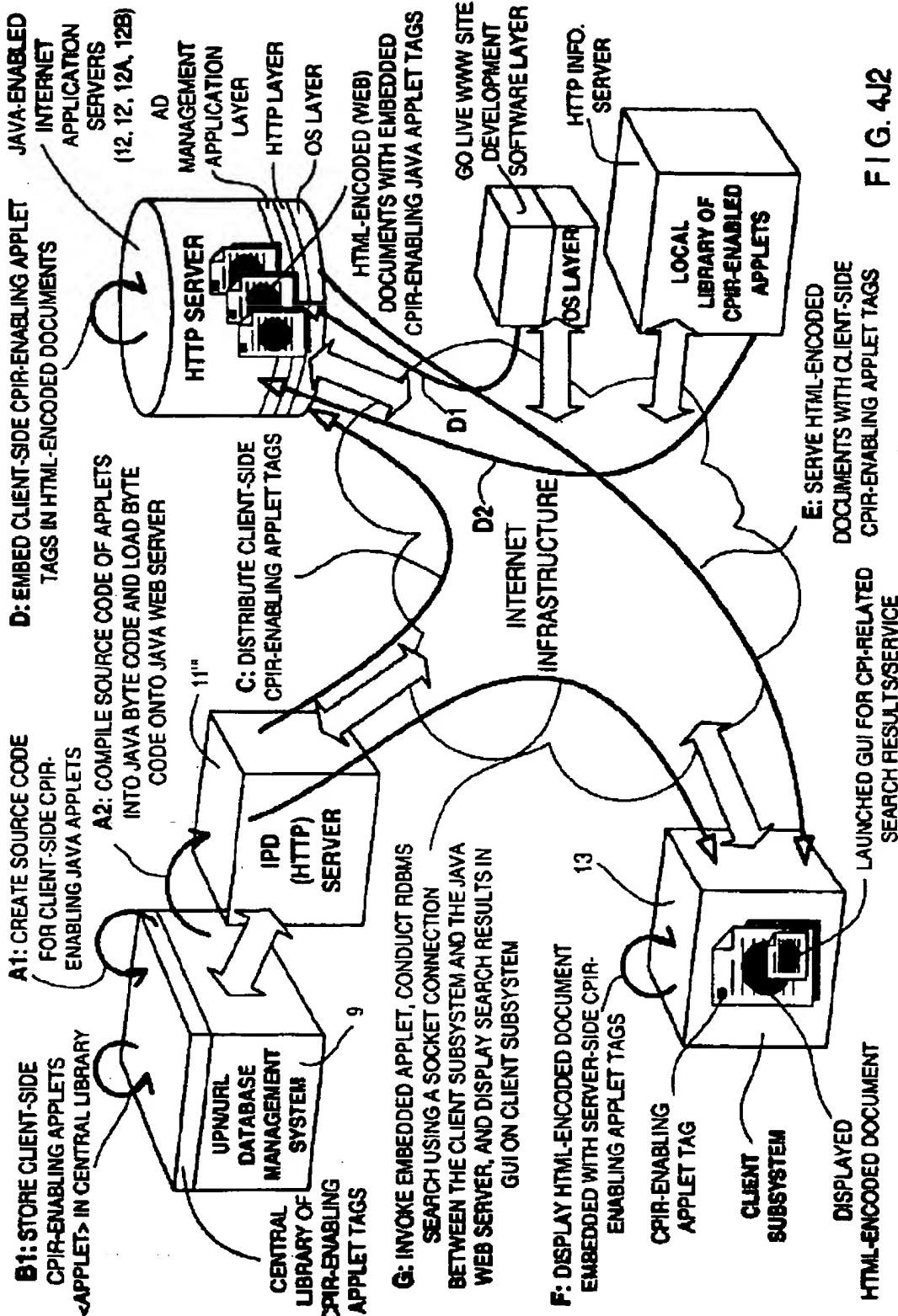


FIG. 4I2





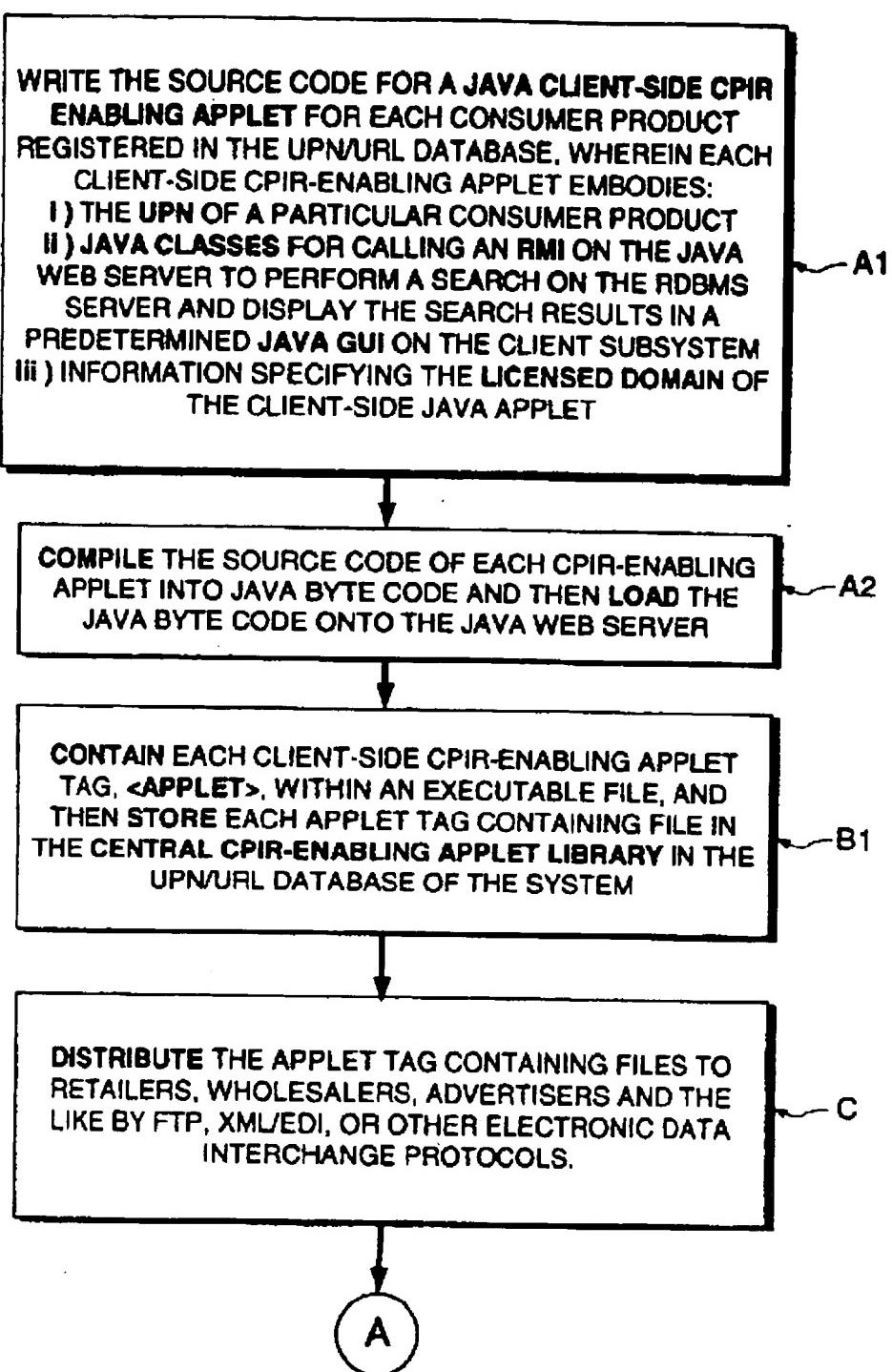


FIG. 4K1

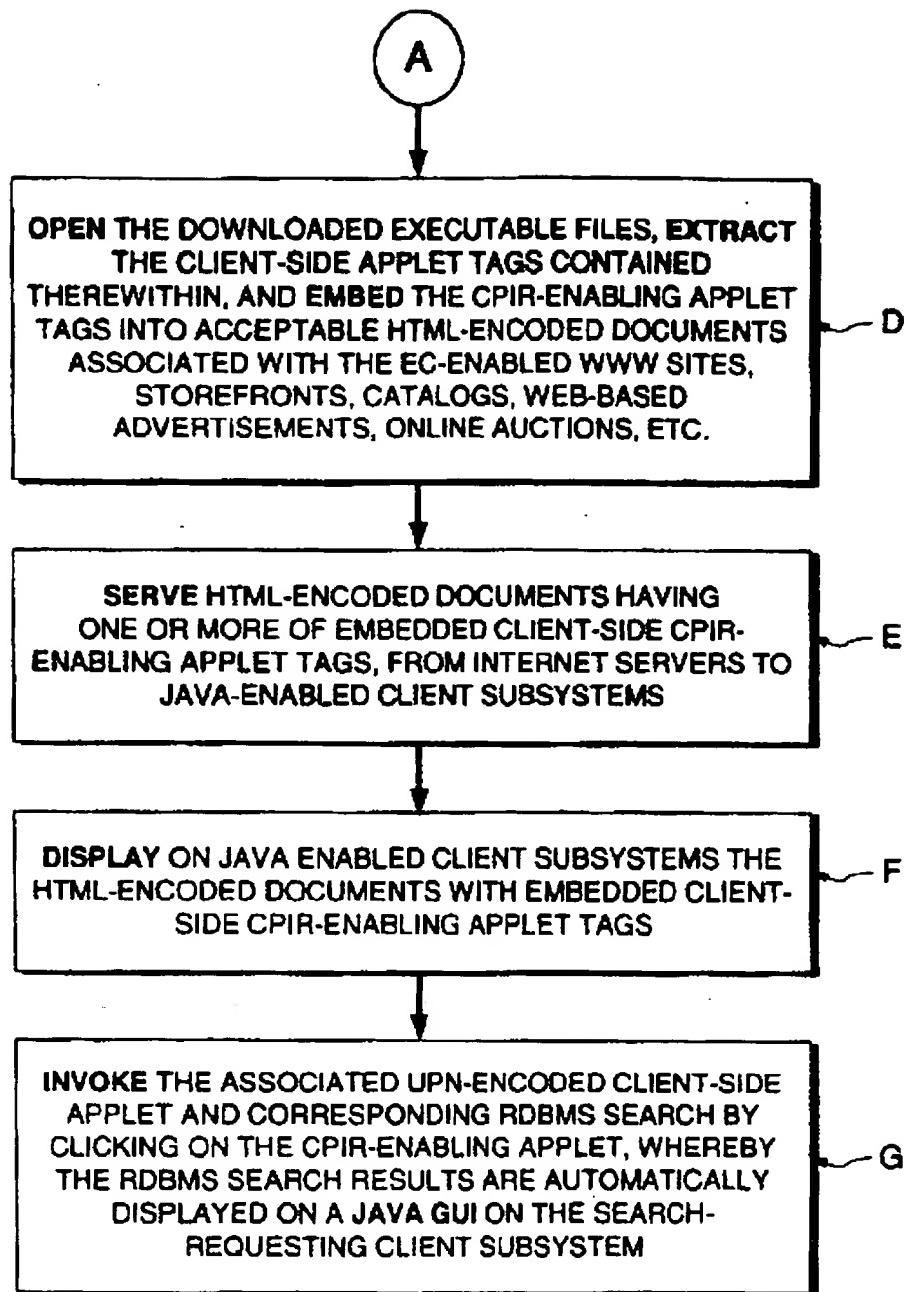
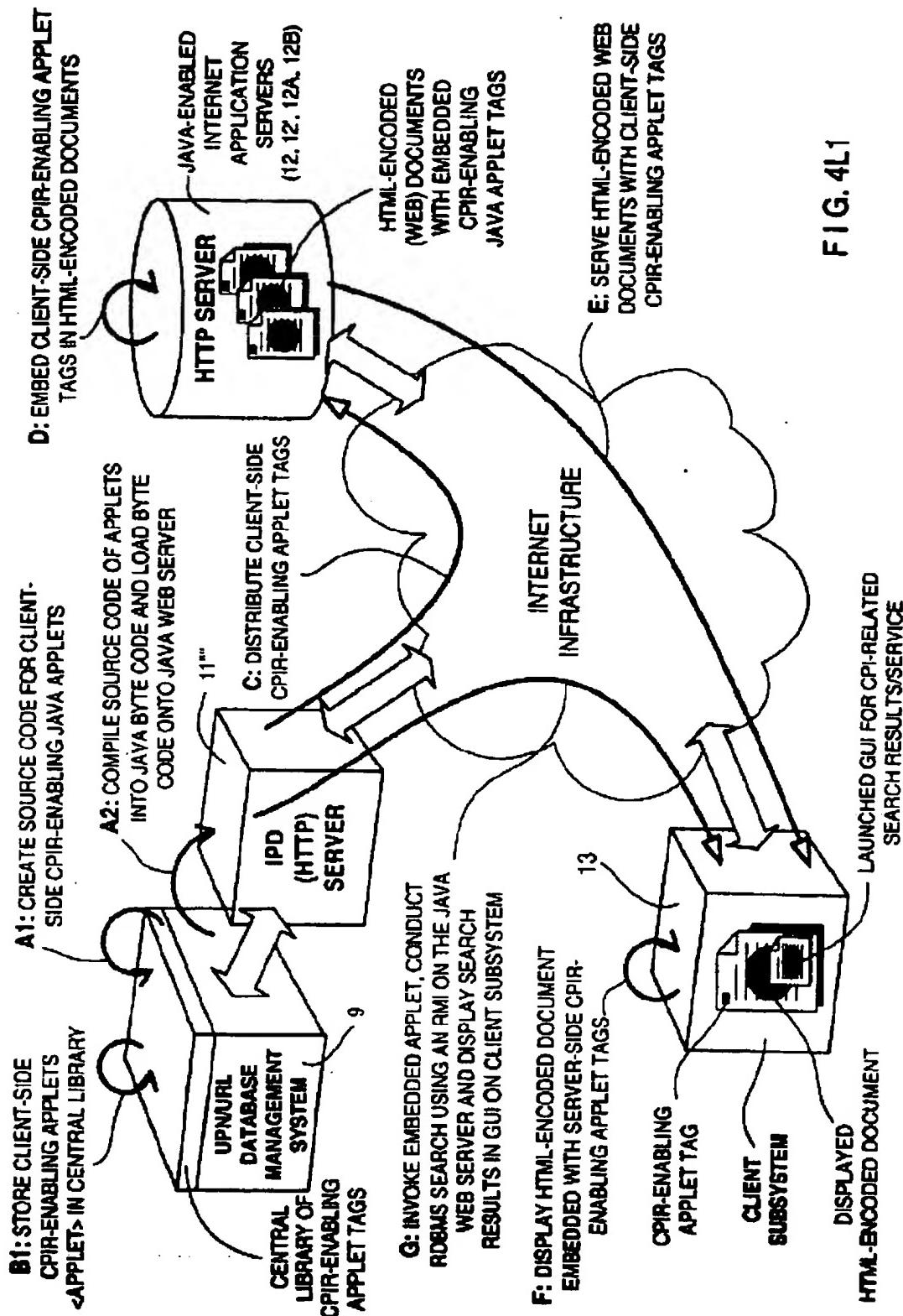
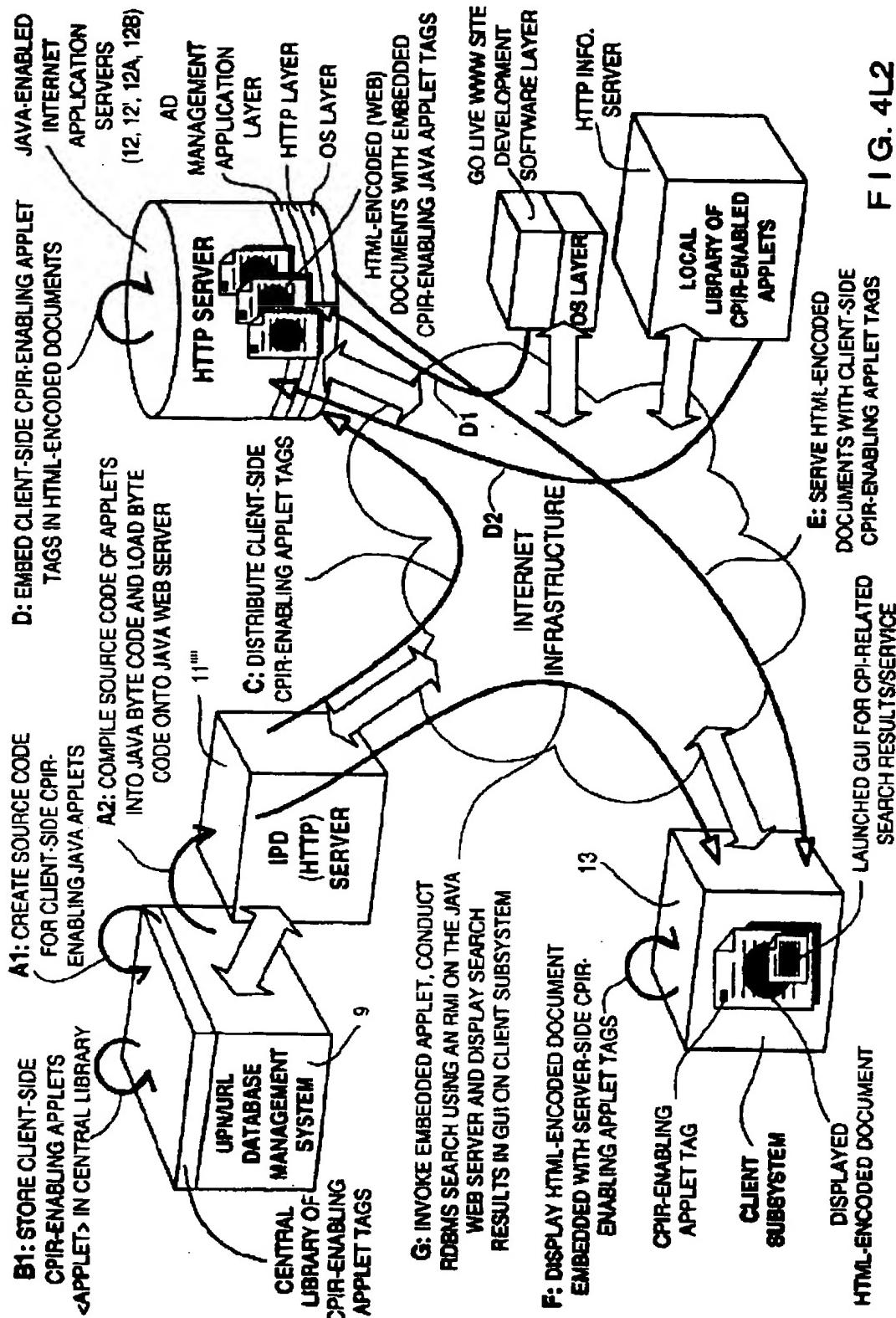


FIG. 4K2





Trademark TM	UPC No.	Trademark	Manufacturer No.	Download
BrandKey Request TM	0000000000	Power Mac Computer	0000000000	<input checked="" type="checkbox"/> Click Here to Download
Home Page TM	1111111111	Sony	1111111111111111	<input checked="" type="checkbox"/>
Product Description TM	2222222222	J. Crew	22222222222222	<input checked="" type="checkbox"/>
BrandLink TM				<input checked="" type="checkbox"/>
Send-It-Home TM				<input checked="" type="checkbox"/>

FIG. 4M1

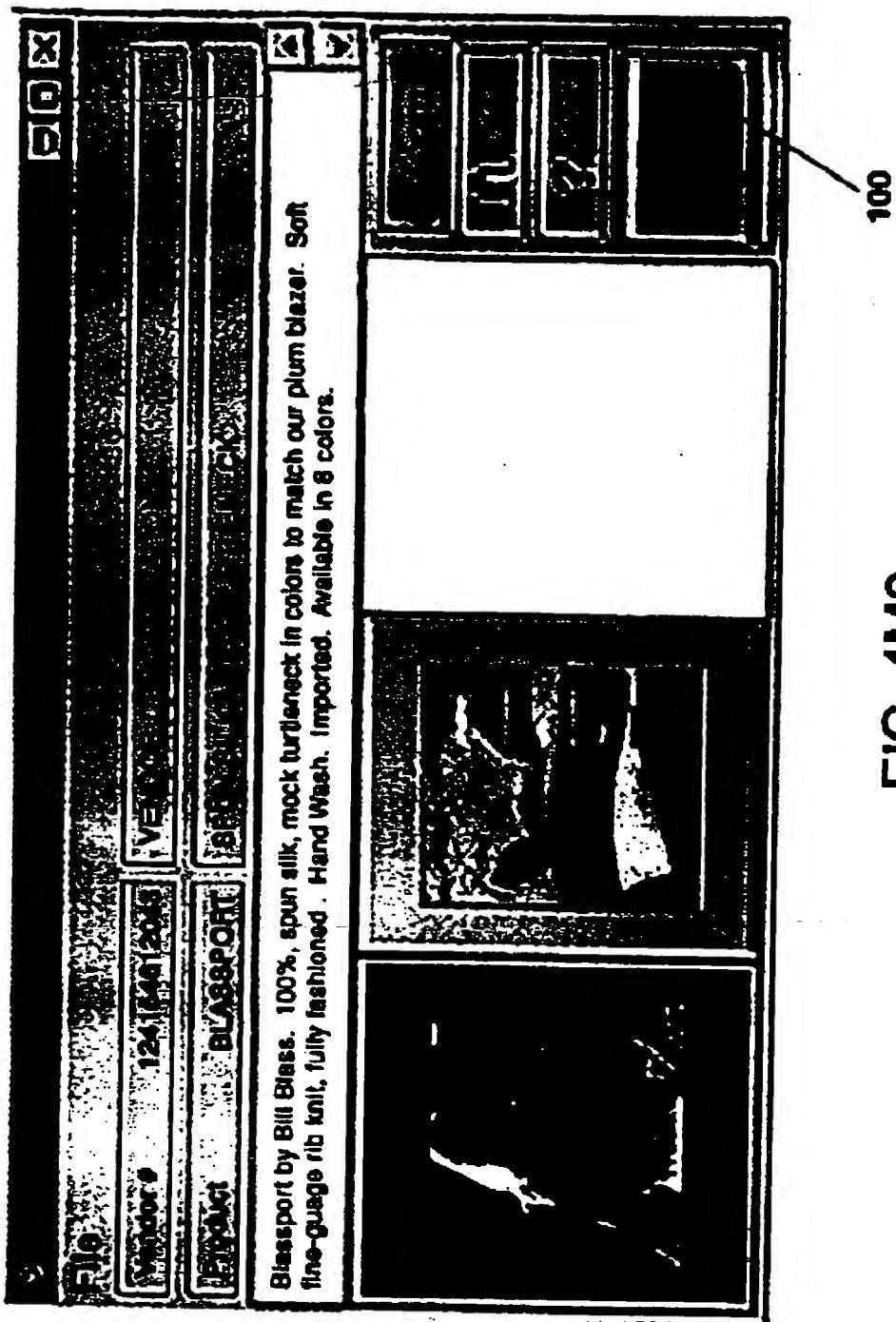


FIG. 4M2

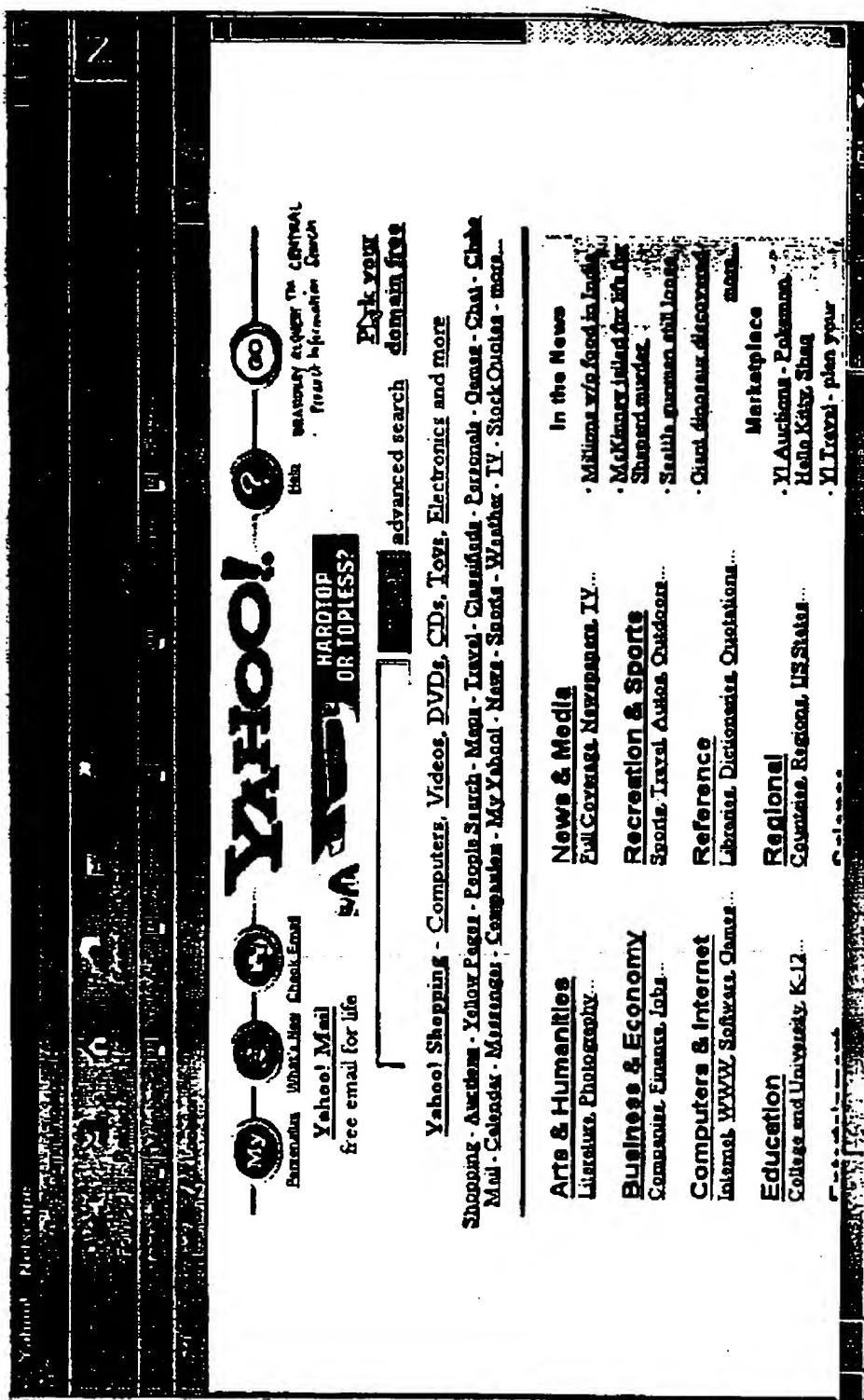


FIG. 4N1

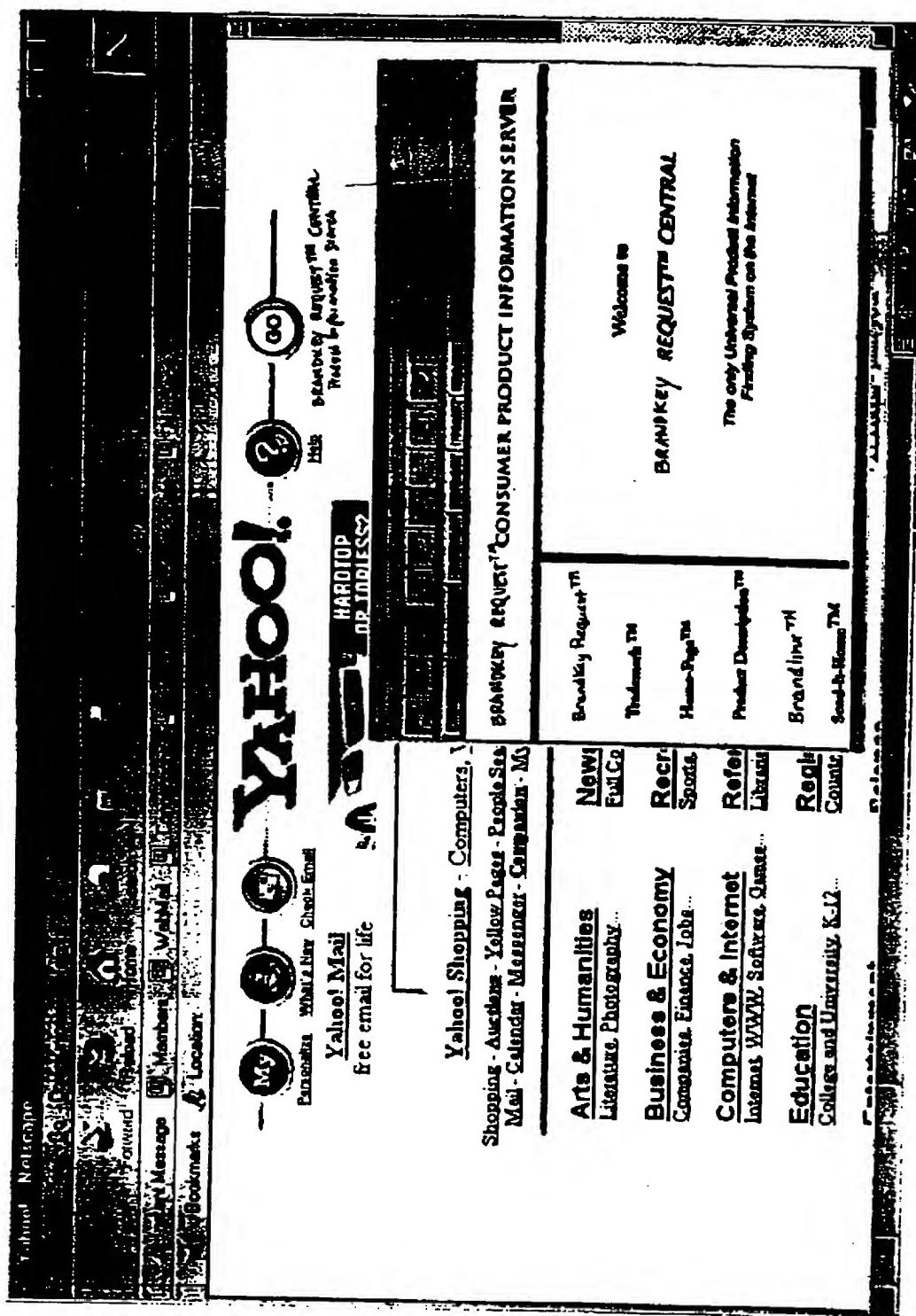
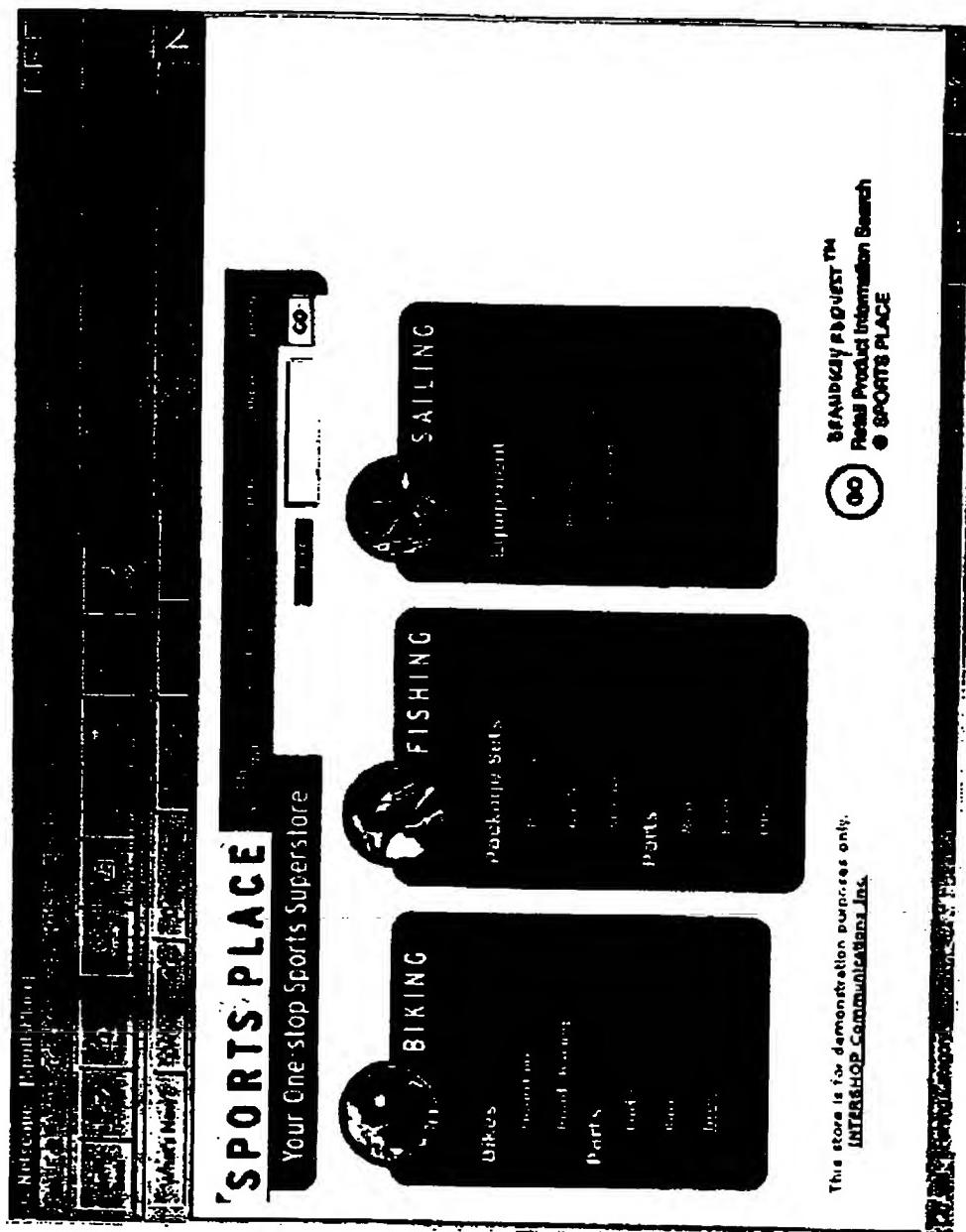


FIG. 4N2



This store is for demonstration purposes only.  
INTERSHOP Communications Inc.

BRANDKEY PROJECT™  
Retail Product Information Search  
• SPORTS PLACE

FIG. 4O1

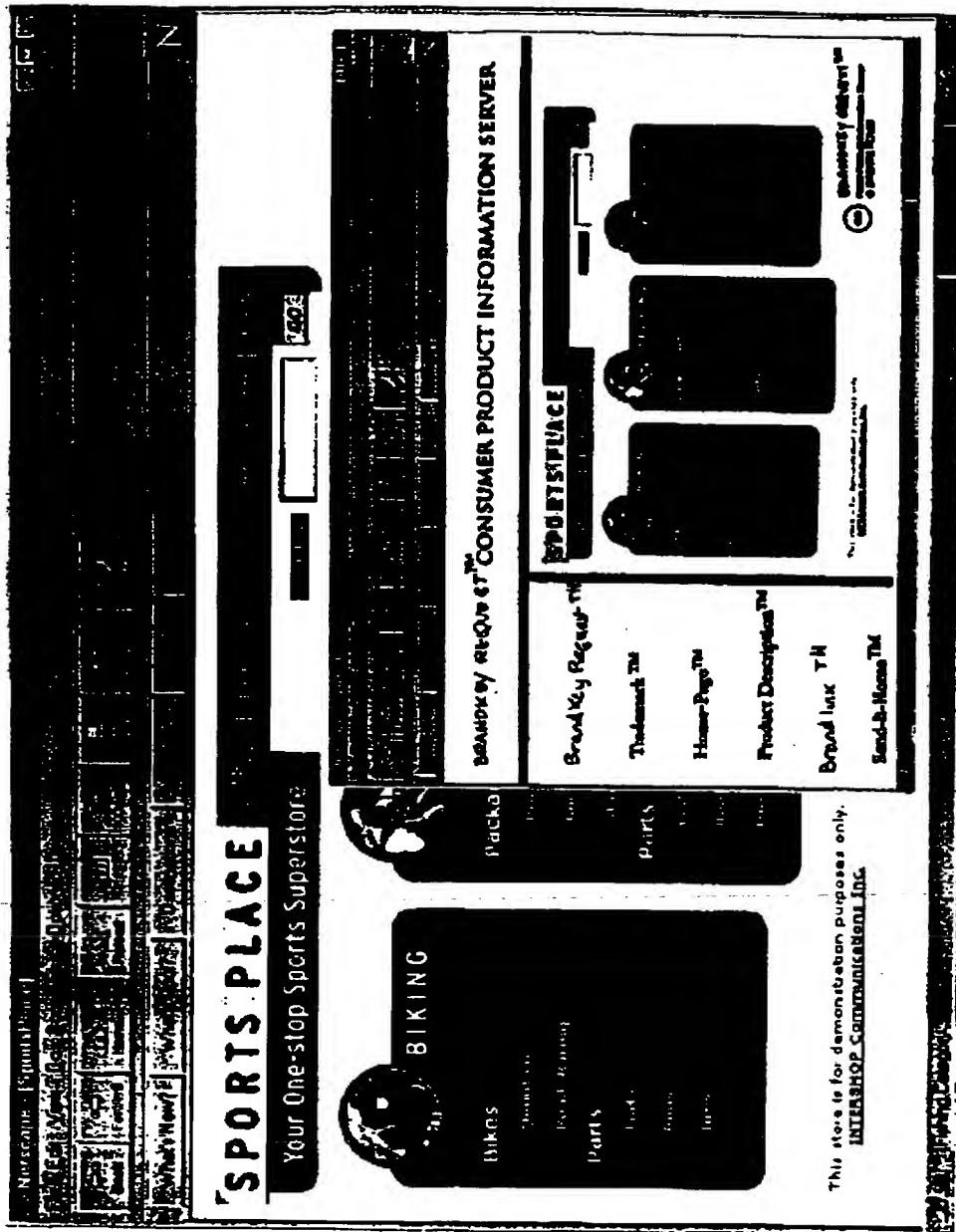


FIG. 402

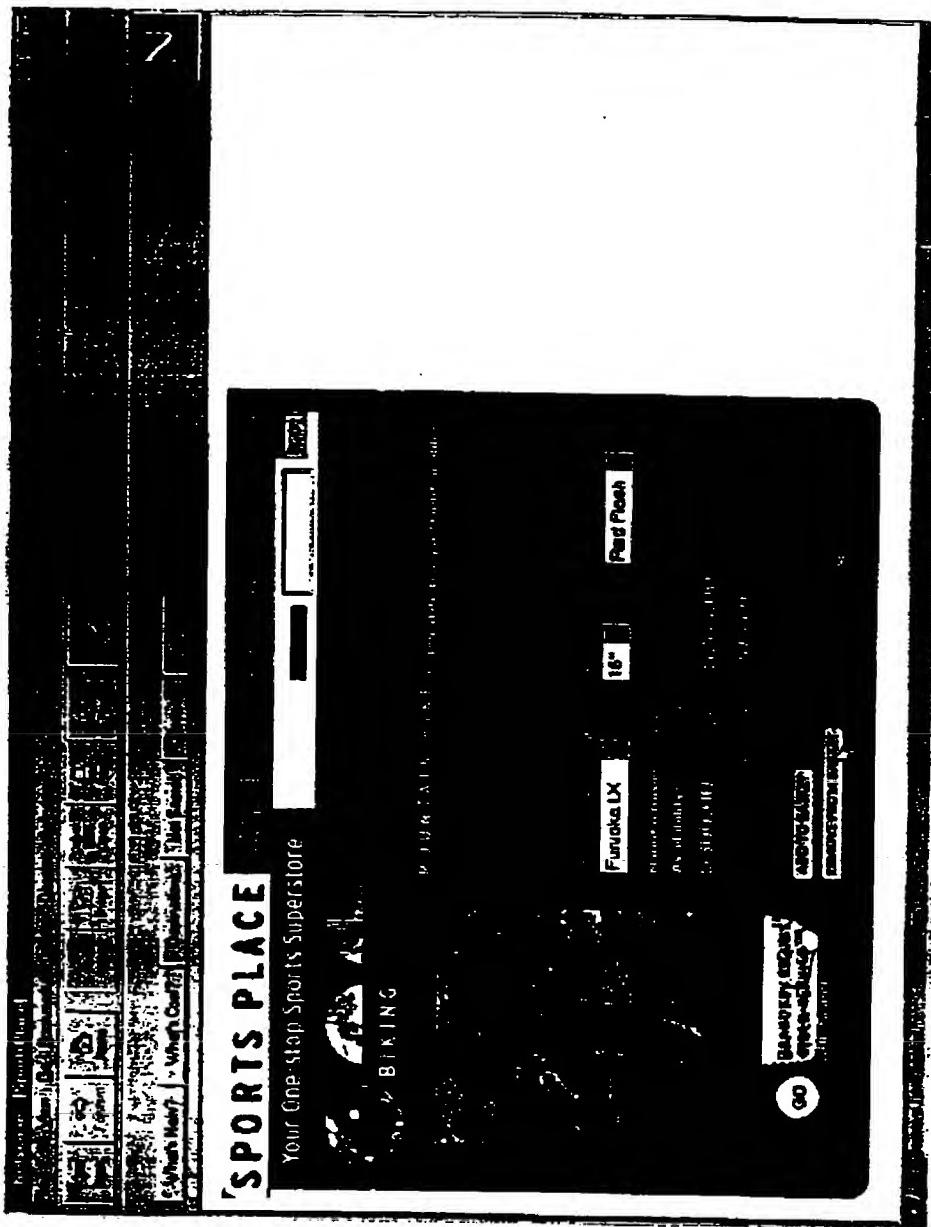


FIG. 4P1

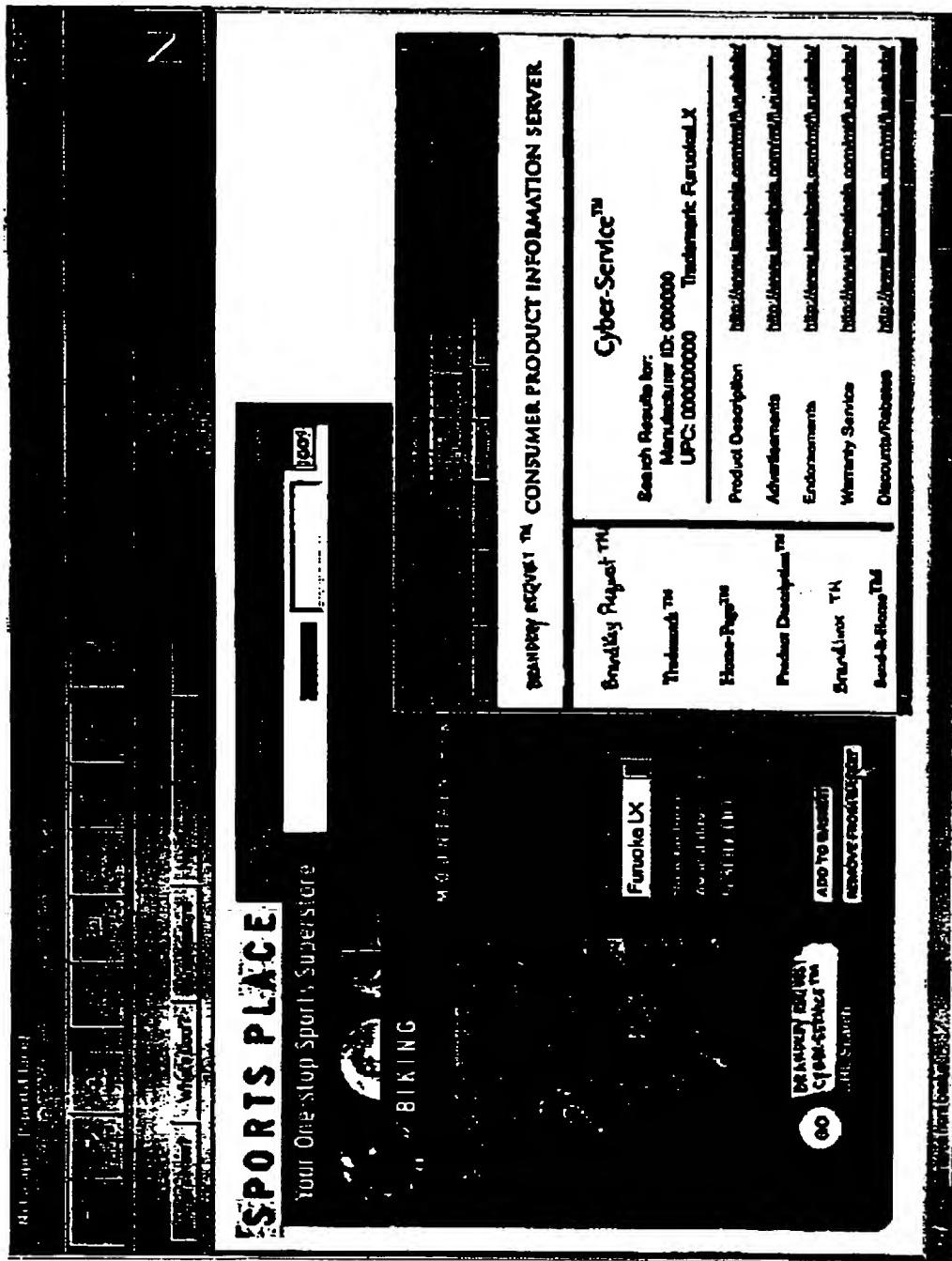


FIG. 4P2

[Items](#) | [My eBay](#) | [Sell](#)

[Browse](#) | [Sell](#) | [Services](#) | [Search](#) | [Help](#) | [Community](#)

[Advanced Search](#)

**What are you looking for?**

[New to eBay?](#)  
[How do I bid?](#)  
[How do I sell?](#)  
[Why eBay is safe](#)  
[Register, it's free!](#)

[Get news](#)  
[chat](#)  
[eBay TV](#)

[Sell your items](#)

[Click here](#)

[Register](#)  
[it's free and fun](#)

[Ask eBay questions](#)

[DMCA Abuse](#)



**Categories**

- [Automotive \(10,000\)](#)
- [Antiques \(1,000\)](#)
- [Books, Movies, Music \(1,000\)](#)
- [Coins & Stamps \(1,000\)](#)
- [Collectibles \(1,000\)](#)
- [Computers \(1,000\)](#)
- [Dolls, Figures \(1,000\)](#)
- [Gifts & Collections \(1,000\)](#)
- [Jewelry, Gemstones \(1,000\)](#)
- [Photo & Electronics \(1,000\)](#)
- [Furniture & Glass \(1,000\)](#)
- [Sports Memorabilia \(1,000\)](#)
- [Toys, Baby & Pet \(1,000\)](#)
- [Miscellaneous \(1,000\)](#)

[See all featured...](#)

[eBay](#) | [Apply](#)













**Welcome back! Roll over items to benefit the eBay Kids Foundation.**

**Fundraising at eBay. Check it out!**

**Help about our items**

FIG. 4Q1

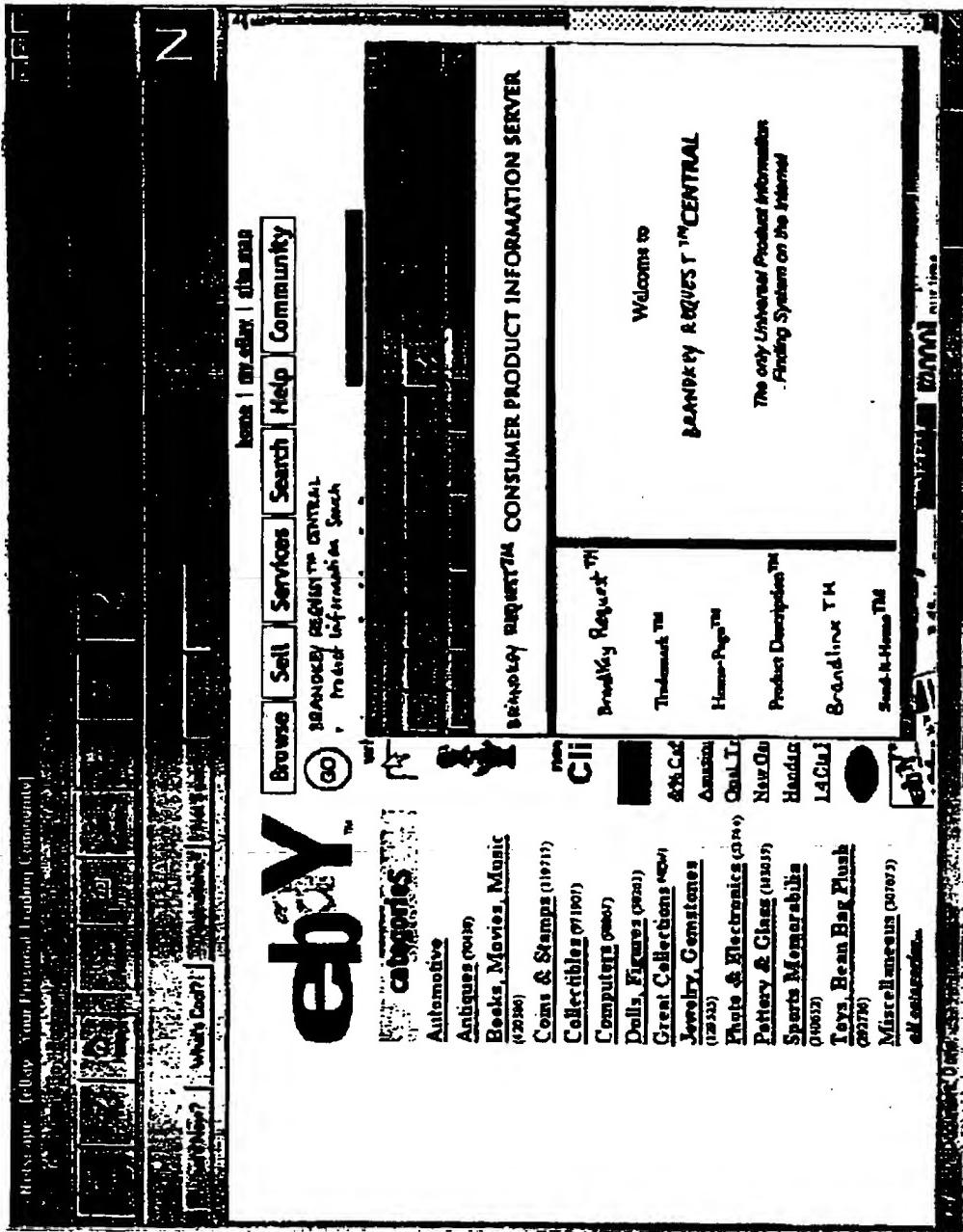


FIG. 4Q2

ebay - Auction Information (ItemID: 11717001) Date: 11/07/00 21:00 in PCTI Internet Zone Market ID: 1024, /14

[Home](#) | [Search](#) | [Advanced Search](#)

[Browse](#) | [Sell](#) | [Services](#) | [Search](#) | [Help](#) | [Community](#)

[Feedback Request Form](#) | [GO](#) | [Search](#) | [URL Search](#)

[Item view](#) | [Edit item](#) | [Delete item](#)

[Feedback](#) | [Feedback Profile](#) | [Feedback History](#) | [Feedback Requests](#) | [Feedback Score](#)

[Category](#) | [Advanced Search](#)

[Computer/Digital Cameras](#)

**Item Details**

Currently	\$420.50 (reserve met)	First bid	\$2.00
Quantity	1	# bids	12 (including items sold)
Time left	4 days, 7 hours +	Location	Bellmills, CA
Started	10/21/00 21:29:10 PST	Buy It Now Auction	No
Ends	11/01/00 21:29:10 PST	(Buy It Now Bid Limit)	0

**Seller**

lashed7 [10]

[View comments for lashed7's Feedback Profile](#) ([Ask seller a question](#))

**High bid**

**Payment**

**Shipping**

**Money Order/Cashier Checks, Personal Checks**. See item description for payment methods accepted.

**Seller might ship to home country only.** See item description for details. See item description for shipping charges.

**Seller assumes all responsibility for listing this item.** You should contact the seller to resolve any questions before bidding. Currency is U.S. dollar (\$) unless otherwise noted.

FIG. 4R1

**ebay**

Feedback Information: 100% (100) | Buy It Now | Bid | Auction | Advanced Search

Search: [ ]

Items | my eBay | site map

Browse | Sell | Services | Search | Help | Community

Buyer's Registry™  
New Items  
[do] New Service™  
Use Services

**STANKEY REQUEST™ CONSUMER PRODUCT INFORMATION SERVER**

Breakfast Request™

Search Results for:  
Manufacturer ID: 000000  
UPC: 0000000000

Trademark: Trademark  
Product Description: Home-Depot™  
Advertiser: Home-Depot  
Entertainment: Home-Depot  
Warranty Service: Home-Depot  
Discounts/Rewards: Home-Depot

Currently \$420.50 (source: [ ] )

Quantity 1  
Time left 4 days, 7 hours +  
Started 10/31/99, 21:29:10 PST  
Ends 11/07/99, 21:29:10 PST

Seller jase67 (10) ★  
Comments in sale  
alt toys

High bid Money Order/Cashiers  
Payment Seller might ship to home  
Shipping

Product Description™  
Brand/Category™  
Sand-Blaster™

**Description**

**Seller assume all responsibility for listing this item. You U.S. dollar (\$) unless otherwise noted.**

FIG. 4R2

Thomas J. Perkowski, Esq., P.C.  
Intellectual Property Advocacy

Southeast Plaza 1266 East Main Street  
Stamford, Connecticut 06902  
telephone (203) 357-1950  
facsimile (203) 357-1959  
email: info@tipadv.com

<http://www.tipadv.com/>

"To earn an income, one must claim the income."

To claim the income, one must expense the expenses in turn."

Copyright 1998 T.J.P. Esq., P.C. All rights reserved.

FIG. 4S1

<p>The screenshot shows a search results page from a search engine. The query "Intellectual Property" is entered in the search bar. The results include links to various websites, such as "www.intel.com", "www.wipo.int", and "www.uspto.gov". There are also links to "Intellectual Property News" and "Intellectual Property Books". A sidebar on the left lists "Intellectual Property News" and "Books".</p>	
<p>This screenshot shows a website for "Intellectual Property". The page features a large logo at the top with two stylized figures. Below the logo, there is a search bar with the placeholder text "Find it at ...". Below the search bar, there is a button labeled "GO" and another button labeled "Web Search". The main content area has a dark background with white text, including sections like "About Us", "Our Services", and "Contact Us".</p>	
<p>This screenshot shows a search interface for "Intellectual Property". It includes a search bar with the placeholder "Find it at ...", a "GO" button, and a "Web Search" button. Below the search bar, there is a section titled "Search Results for: INTELLECTUAL PROPERTY". It lists items such as "Manufacturer ID: 000000", "UPC: 000000000000", "TradeName Company Presents", "Product Description", "Advertisements", "Endorsements", "Discounts/Rewards", and "Buy on the Web".</p>	
<p><b>Thomas J. Perri</b></p> <p><b>Intellectual Property</b></p> <p><b>SoundView Plaza</b> Stamford, CT Telephone: (203) 325-1000 Fax: (203) 325-1001 Email: tperri@soundview.com <a href="http://www.soundview.com">http://www.soundview.com</a></p> <p><b>Broadway Register</b> Theatre: (203) 325-1000 Home Page: <a href="http://www.broadwayregister.com">http://www.broadwayregister.com</a></p> <p><b>Cyber-Service</b> Search Results for: Manufacturer ID: 000000 UPC: 000000000000 TradeName Company Presents Product Description Advertisements Endorsements Discounts/Rewards Buy on the Web</p> <p><b>Now In Stock</b></p> <p><b>MANUFACTURER'S CONSUMER PRODUCT INFORMATION SERVER</b></p> <p><b>TOUCHLINE THE INVENTION</b>, see in BROADWAY REGISTER</p> <p><b>Copyright © 1998 T.I.P.</b></p>	

FIG. 4S2

**MacMall** The Mall with it all. Perfect shopping for your Mac.

**Business** **Home Office** **MackMall** **Education** **Government** **Entertainment** **CLEARANCE**

**UP TO \$250 CASH BACK!** **or 100% off a DVD player**

**Memory Request**

**Welcome to MackMall**

**Click here for top-selling Mac Software.**

**Search Products** **Shop by Brand**

**All-new recipe.**  
**All-new ingredients.**

**SONY**

**Your e-mail**

**Check your mail**

**Systems** **Desktop & Tower** **Notebooks** **Services** **Handhelds**

**Hardware**

**Accessories**

**Peripherals** **Sablon & Wiring** **CD/DVD** **Communication** **Controller Cards**

- Fast, easy Internet access
- iMac has been resculpted so it's smaller, sleeker and more transparent
- Plug-and-play digital video (DV models only)
- 350- or 400MHz PowerPC G3 processor
- ATI RAGE 12B VR 2D/3D accelerated graphics
- 64MB or 128MB of SDRAM; supports up to 512MB

FIG. 4S3

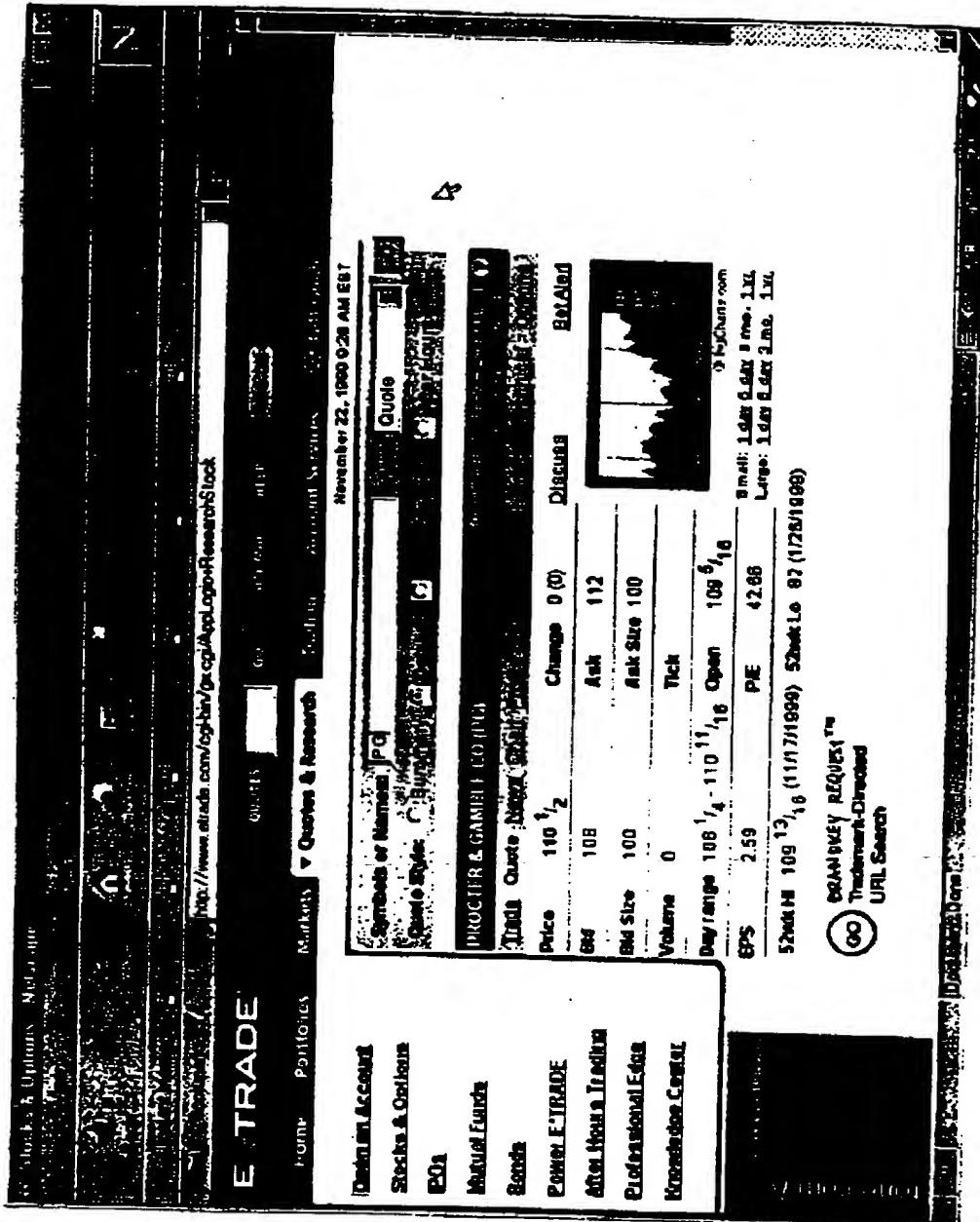


FIG. 4T1

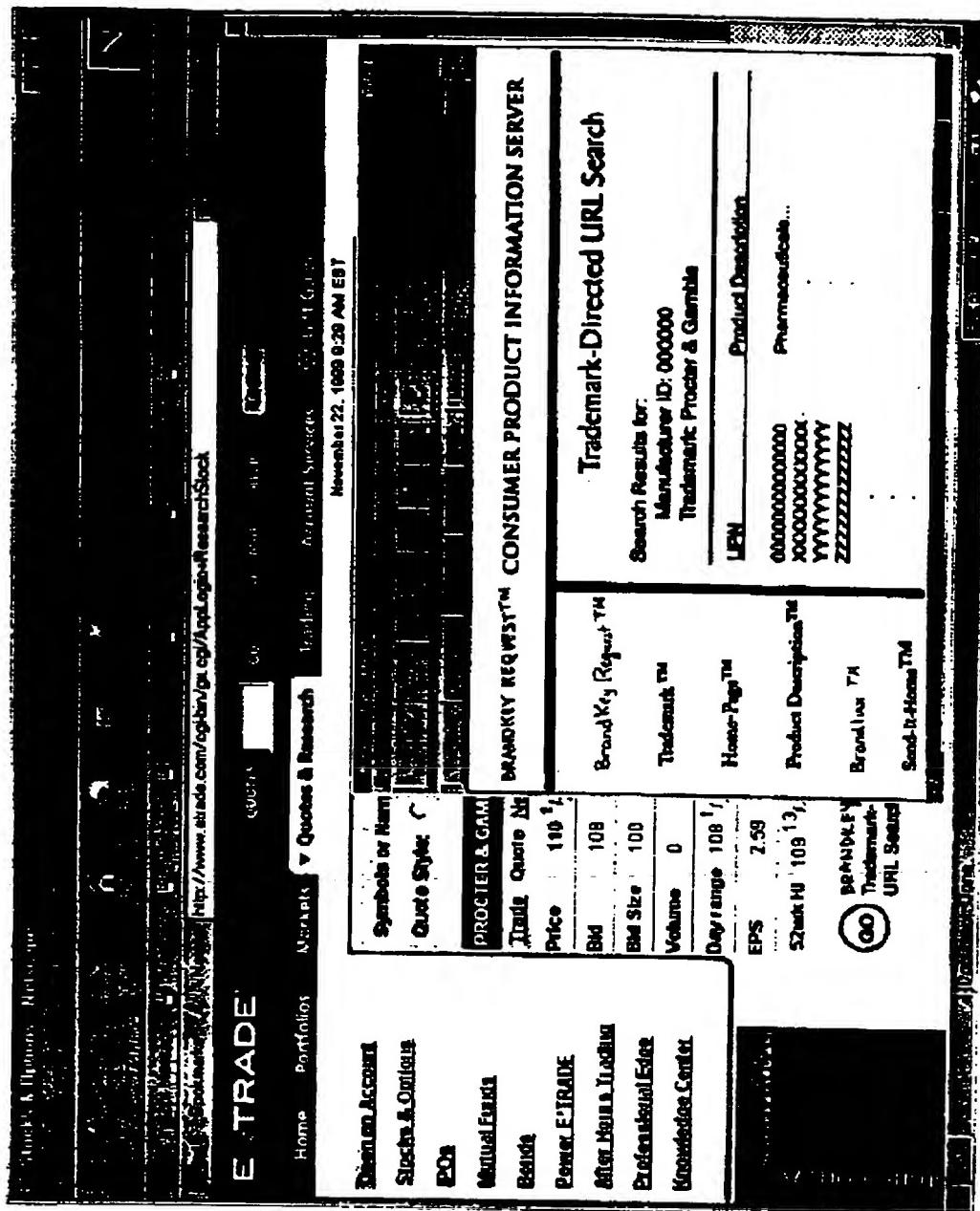


FIG. 4T2

## MANUFACTURER / PRODUCT REGISTRATION MODE

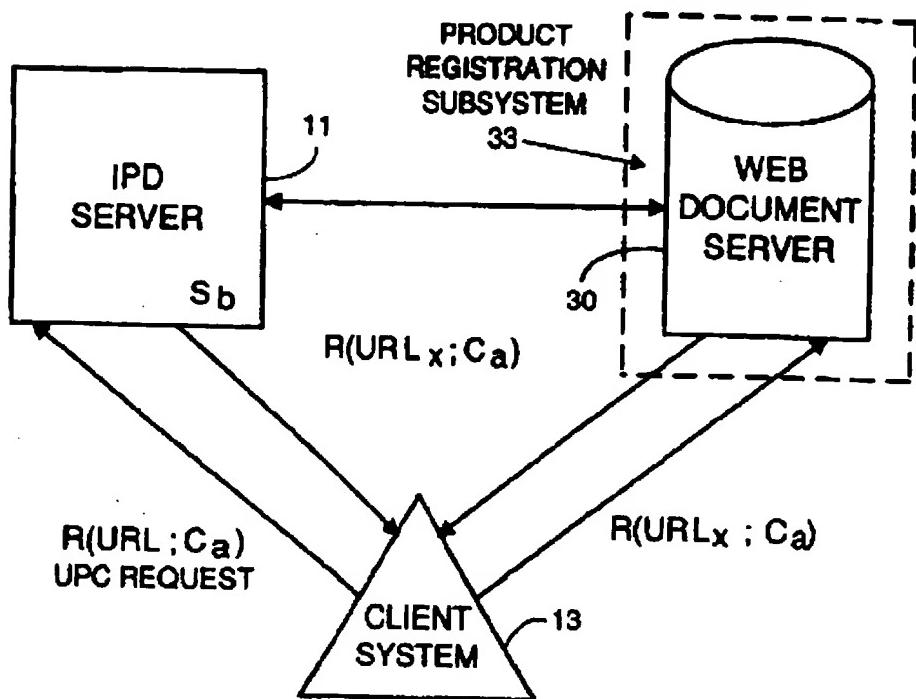


FIG. 5A

## MANUFACTURER WEBSITE SEARCH MODE

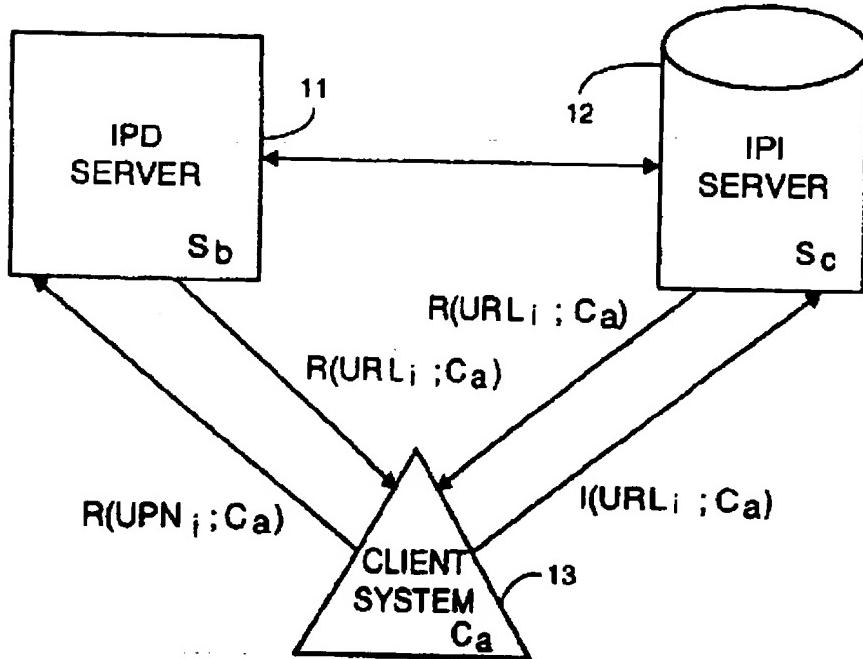


FIG. 5B

## MANUFACTURER / PRODUCT REGISTRATION MODE

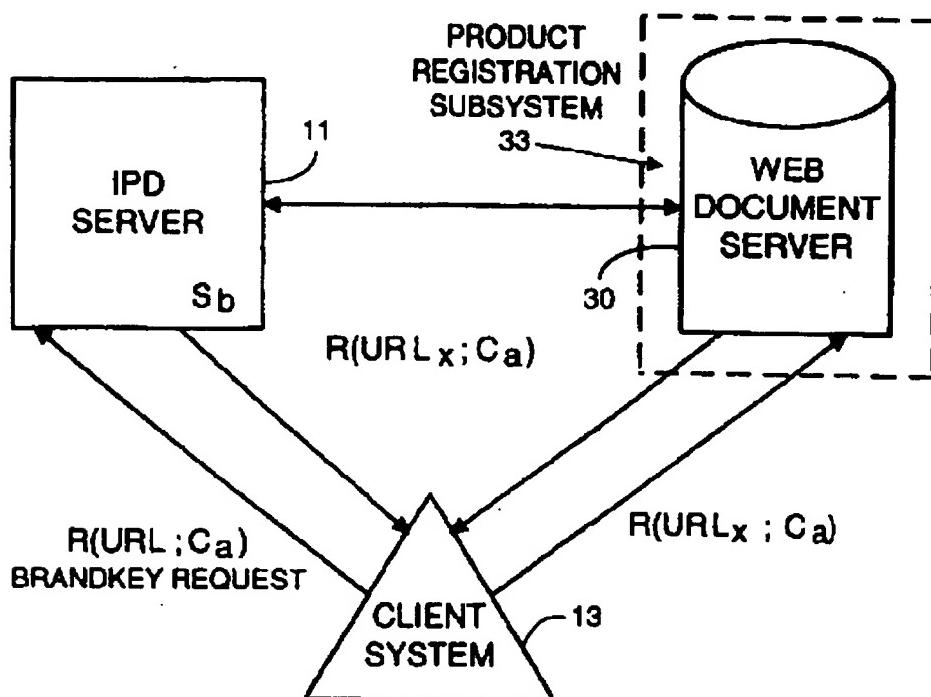


FIG. 5A

## MANUFACTURER WEBSITE SEARCH MODE

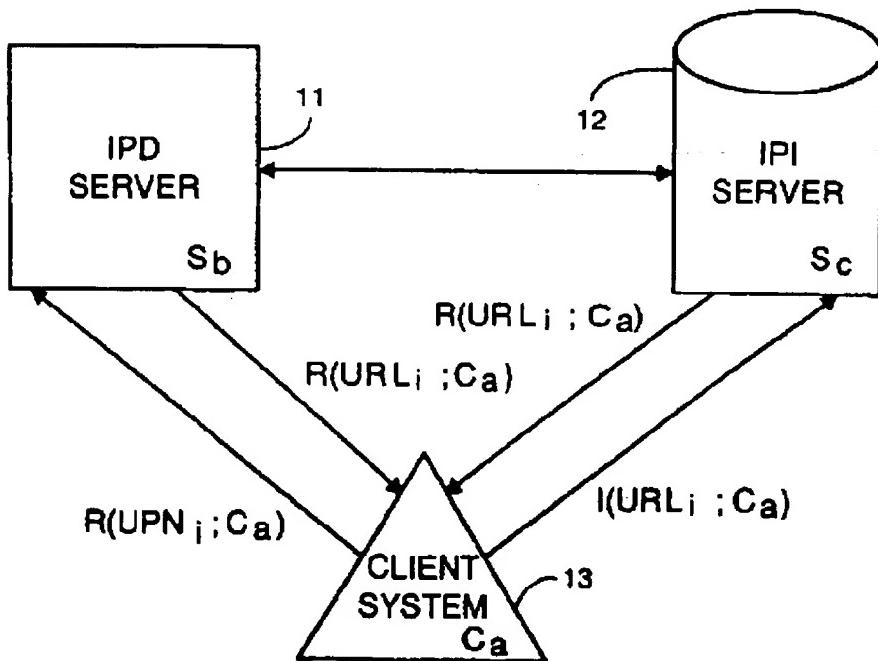


FIG. 5B

## UPN - DIRECTED INFORMATION ACCESS MODE

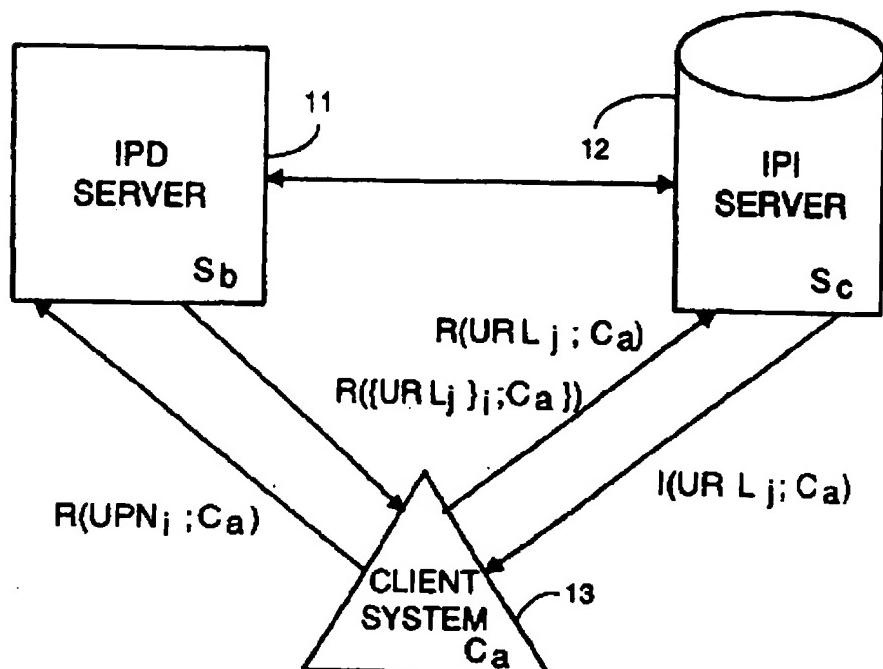


FIG. 5C

## TRADE-MARK DIRECTED SEARCH MODE

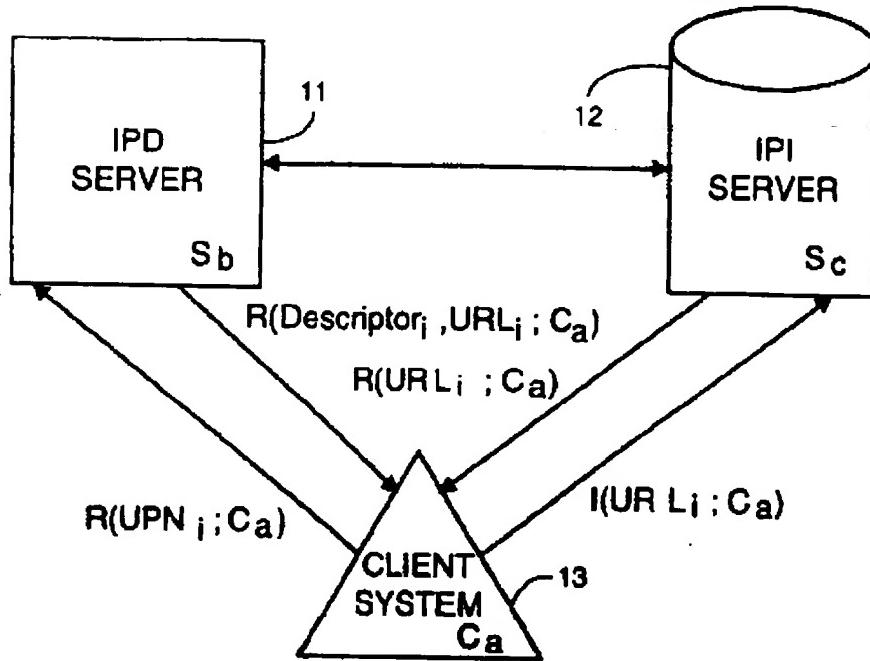


FIG. 5D

## PRODUCT - DESCRIPTION DIRECTED SEARCH MODE

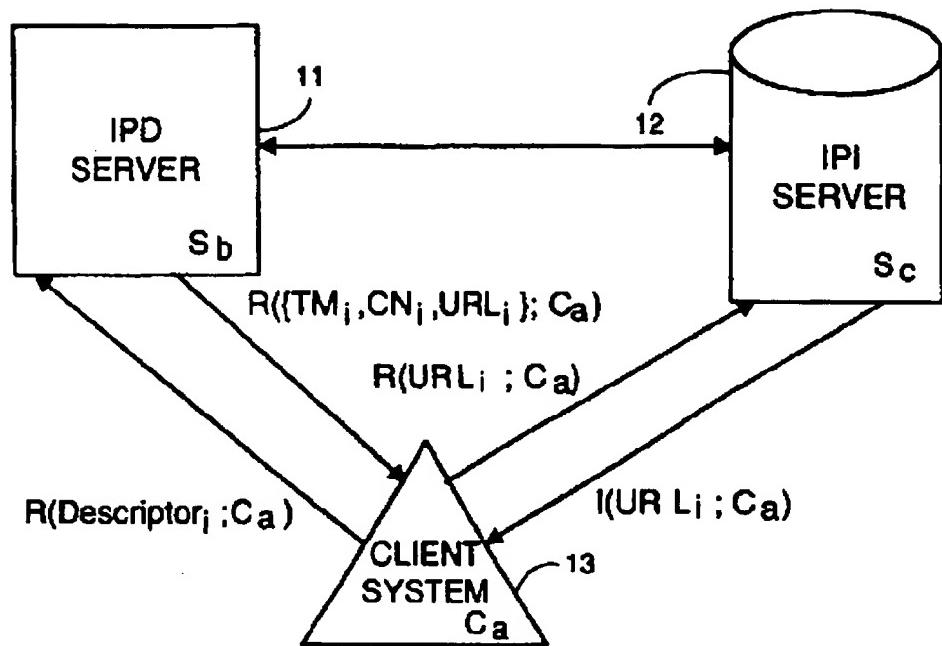


FIG. 5E

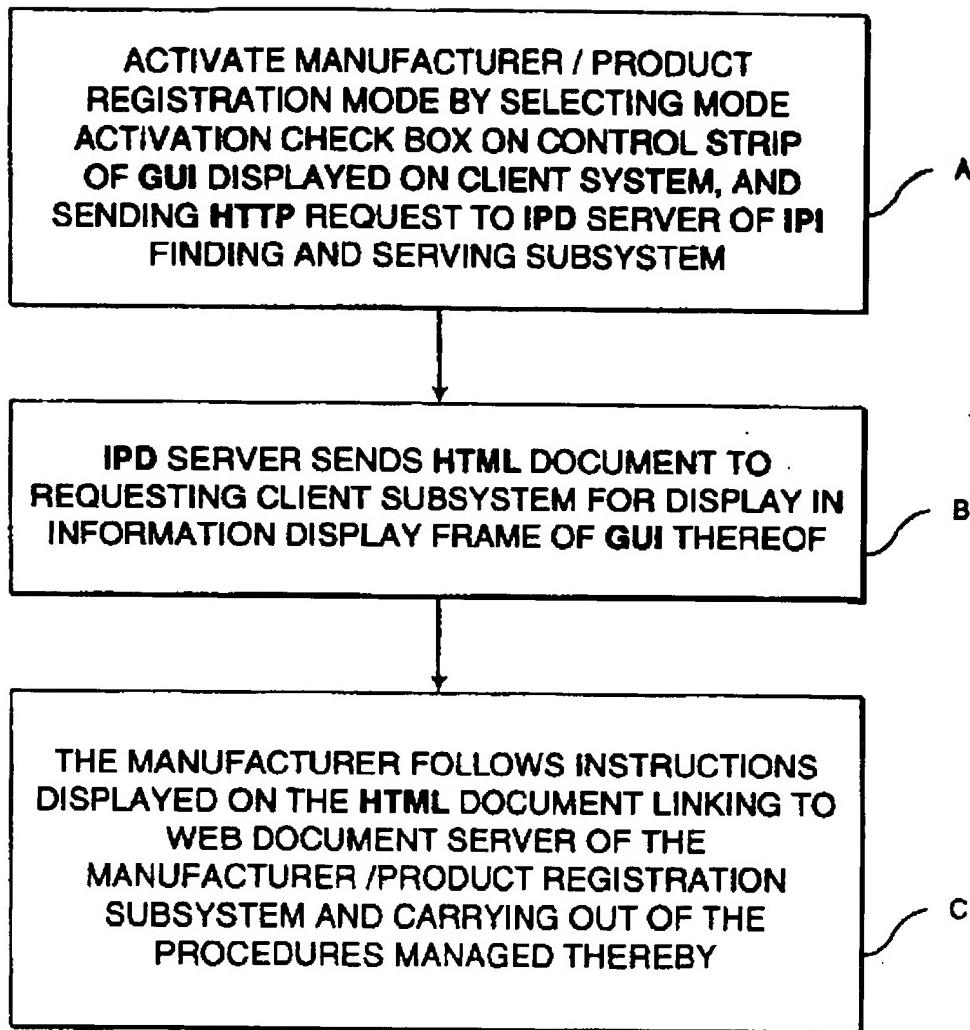


FIG. 6A

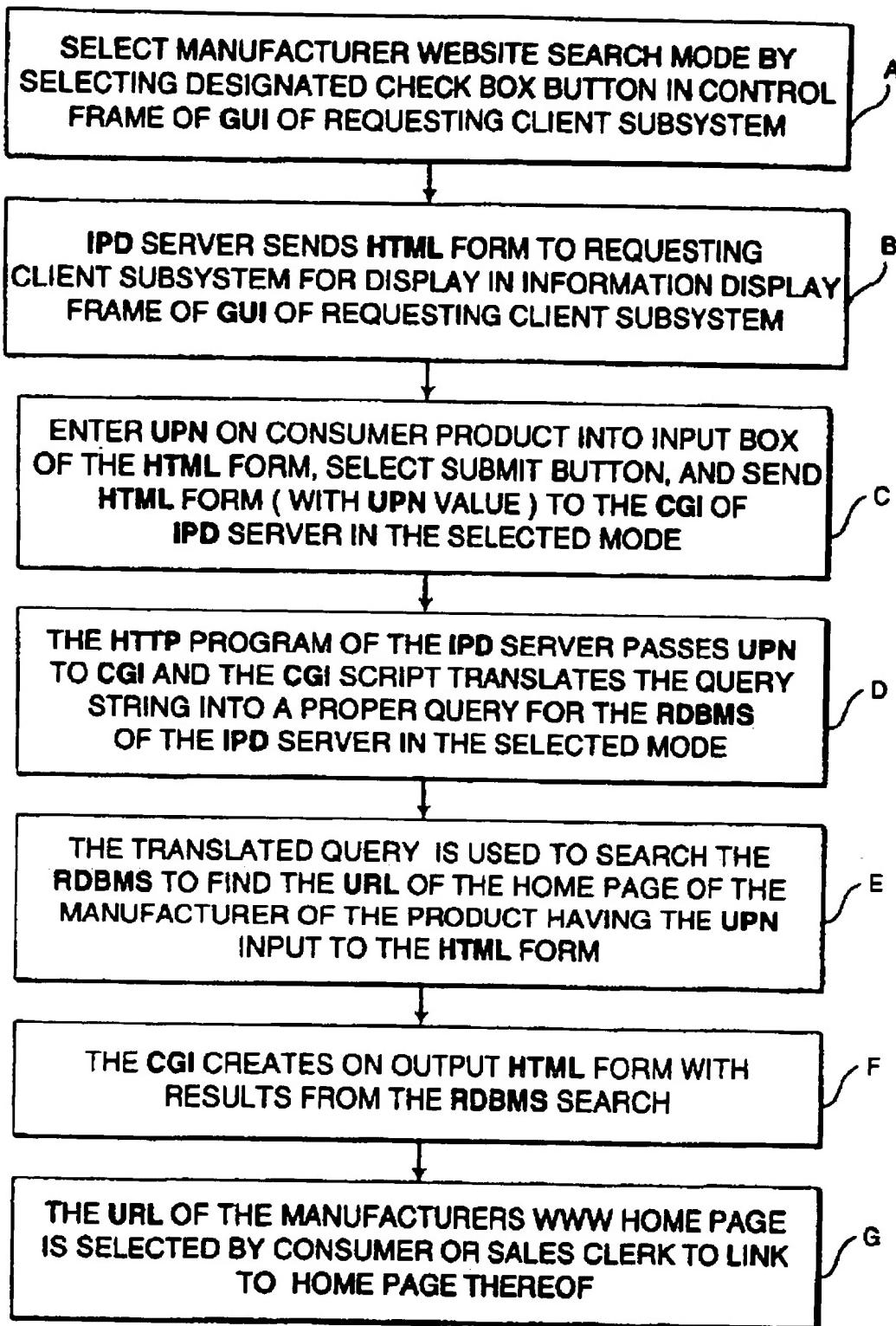


FIG. 6B

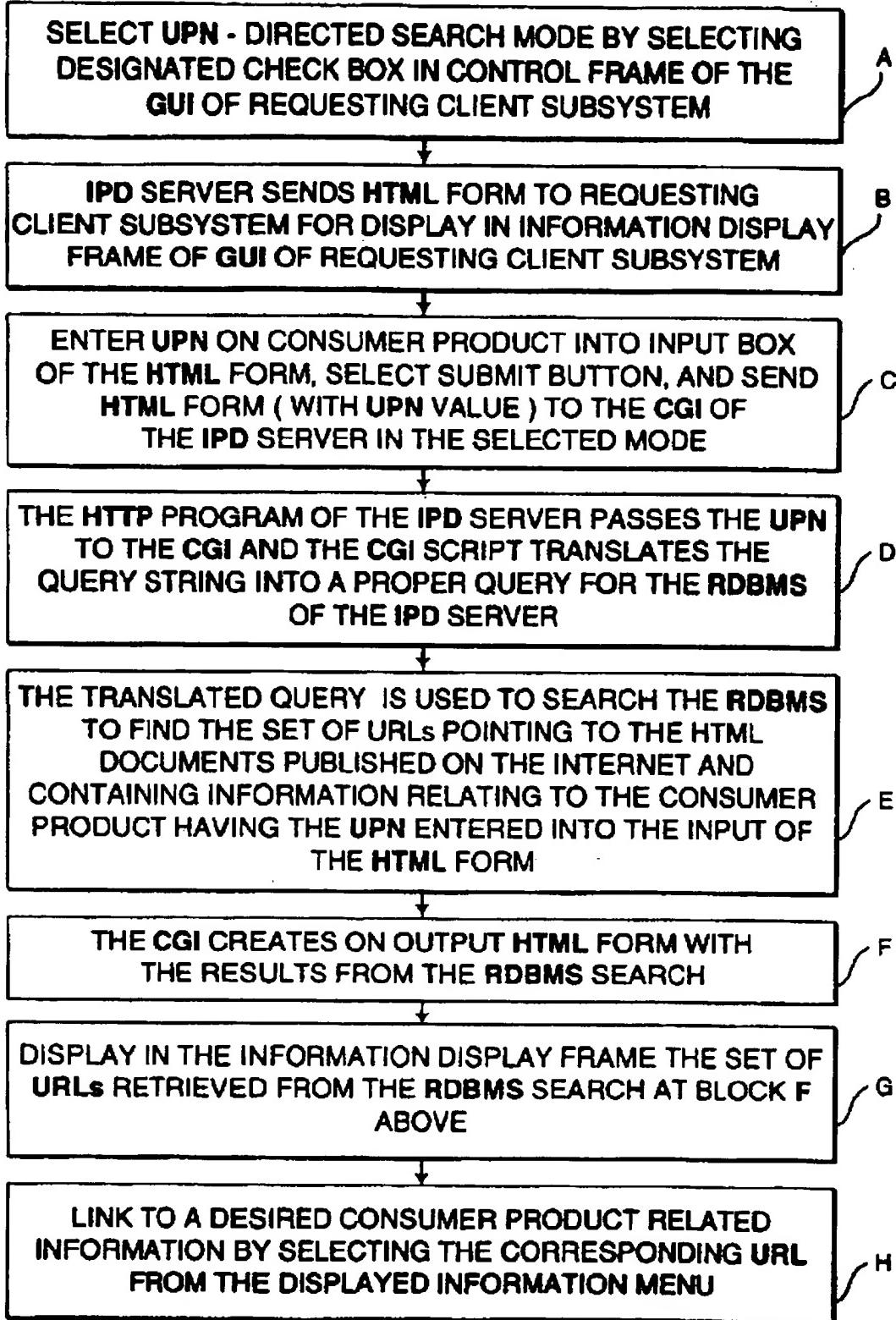


FIG. 6C

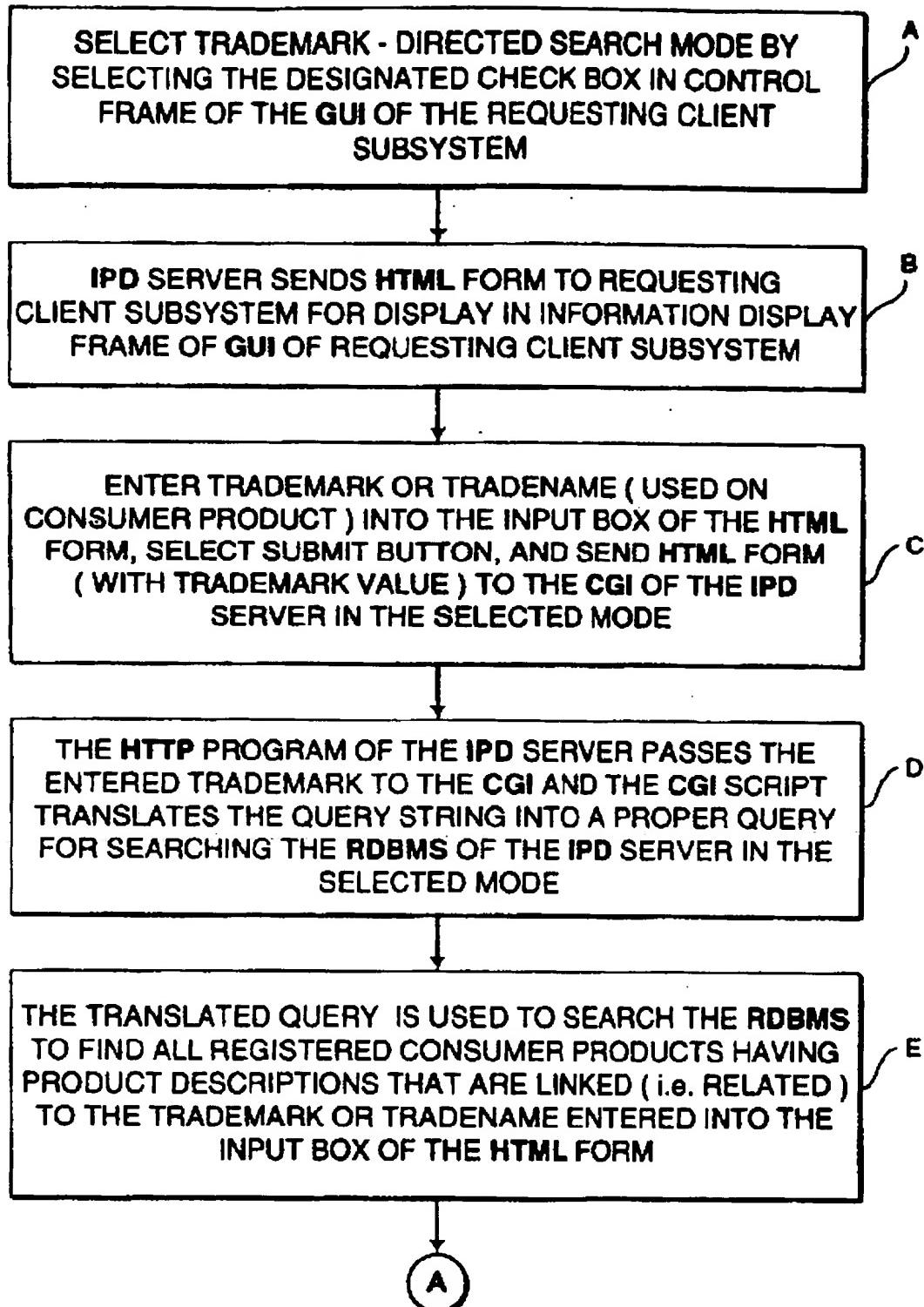


FIG. 6D1

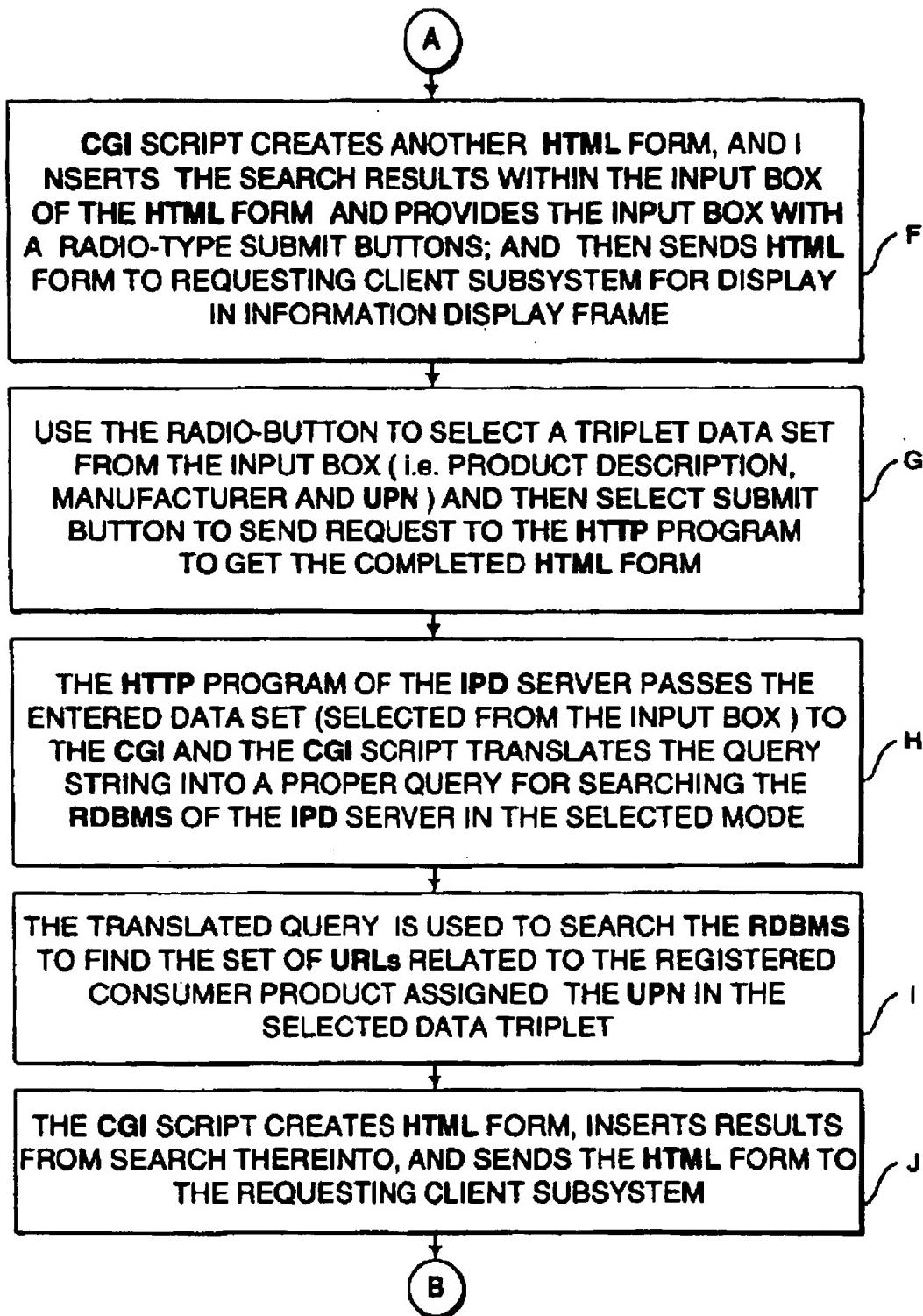


FIG. 6D2

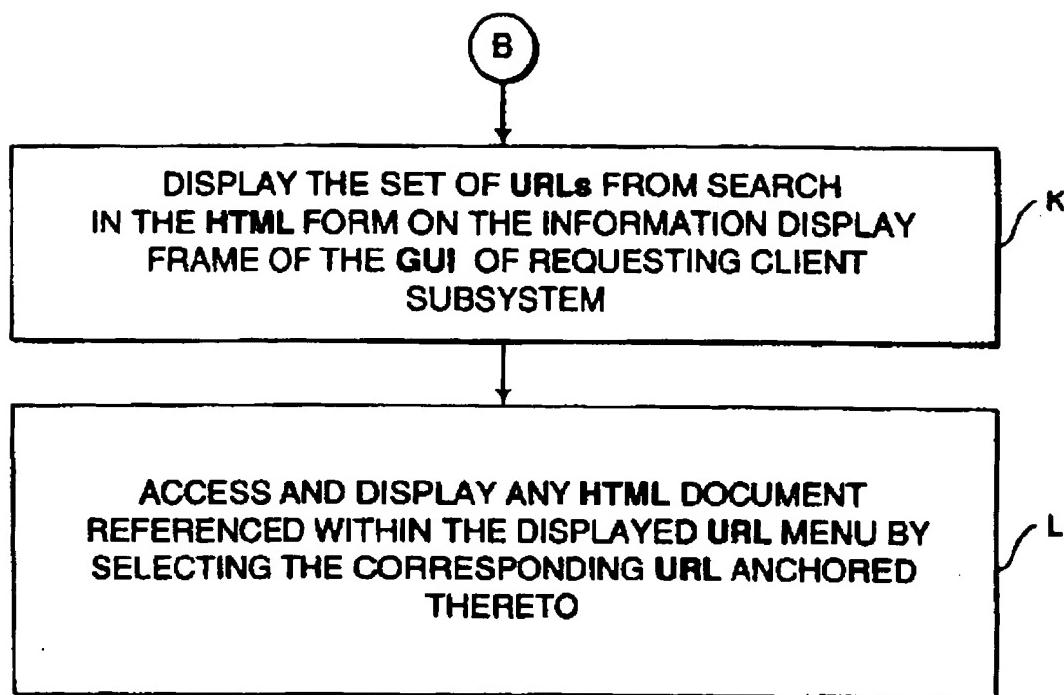


FIG. 6D3

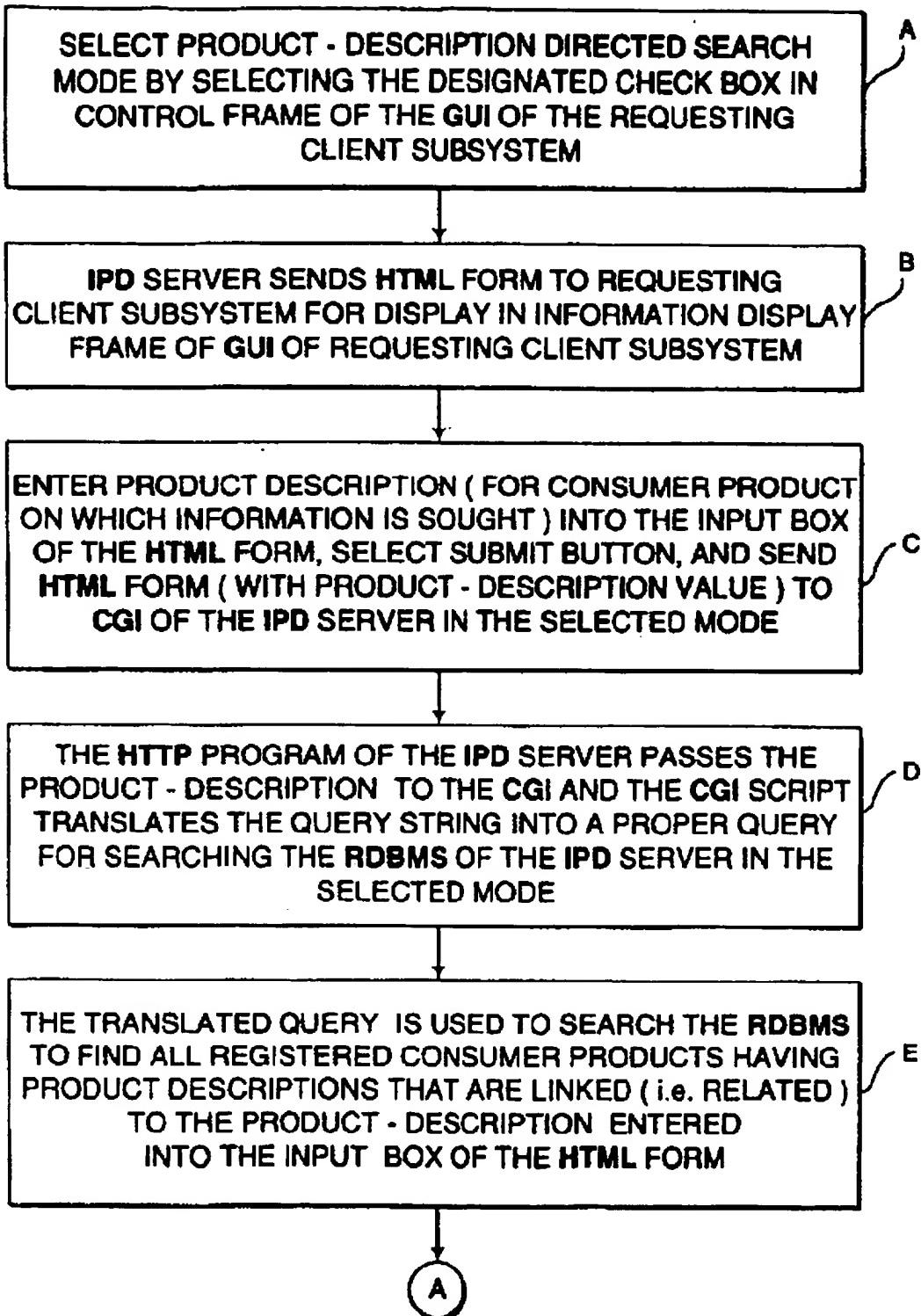


FIG. 6E1

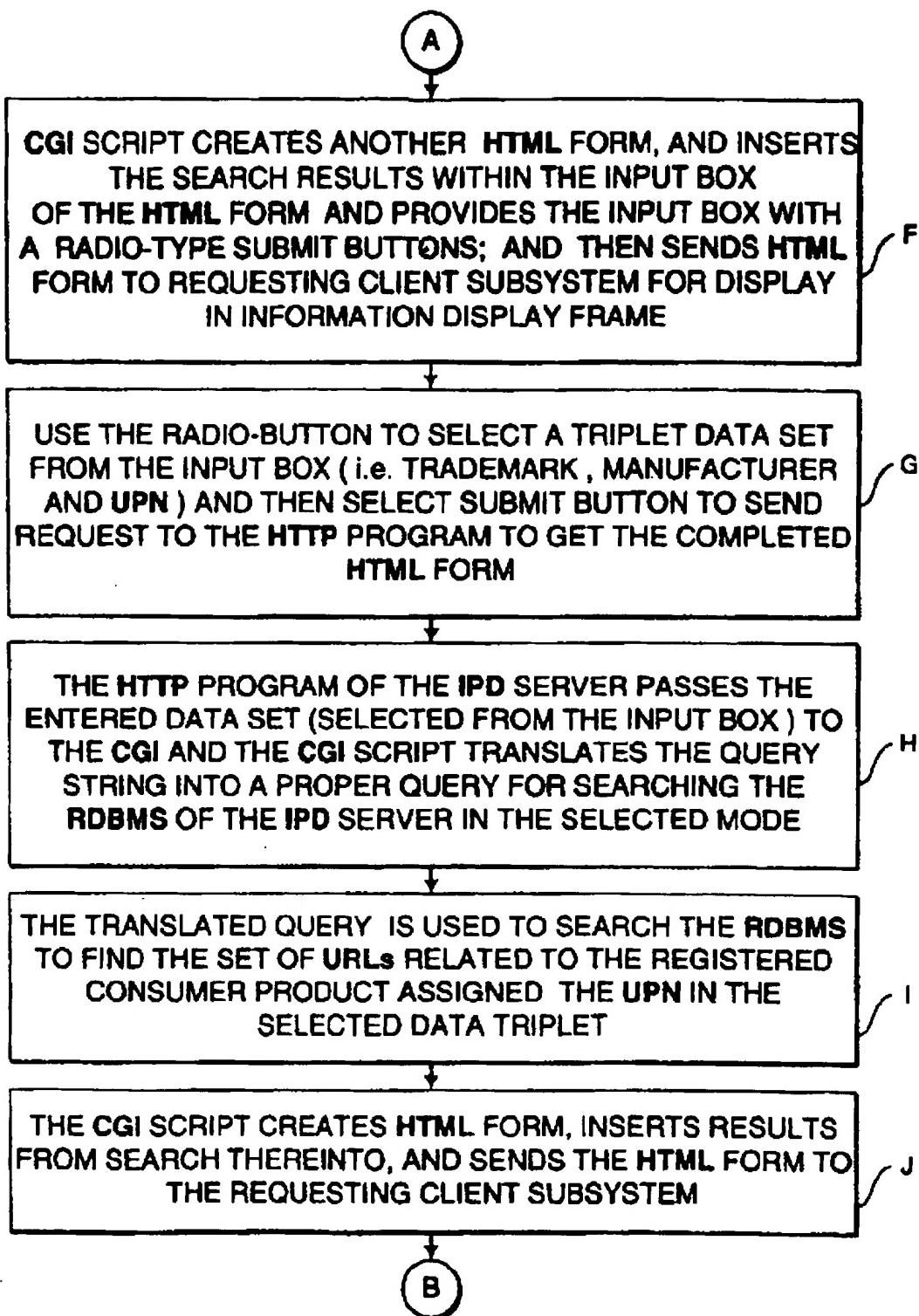


FIG. 6E2

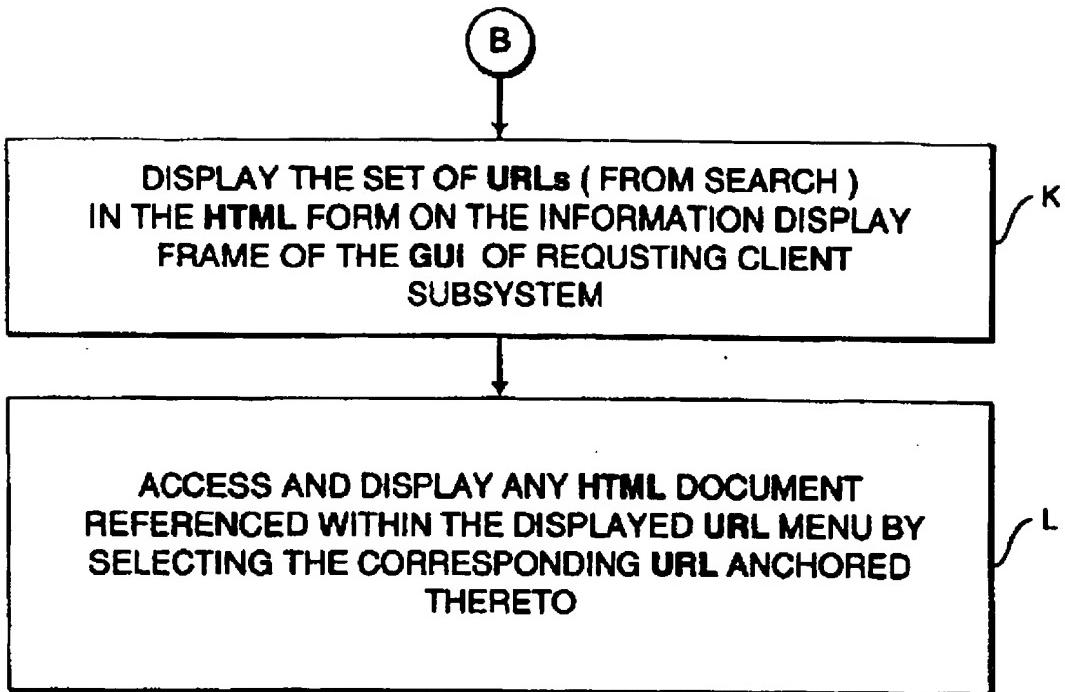
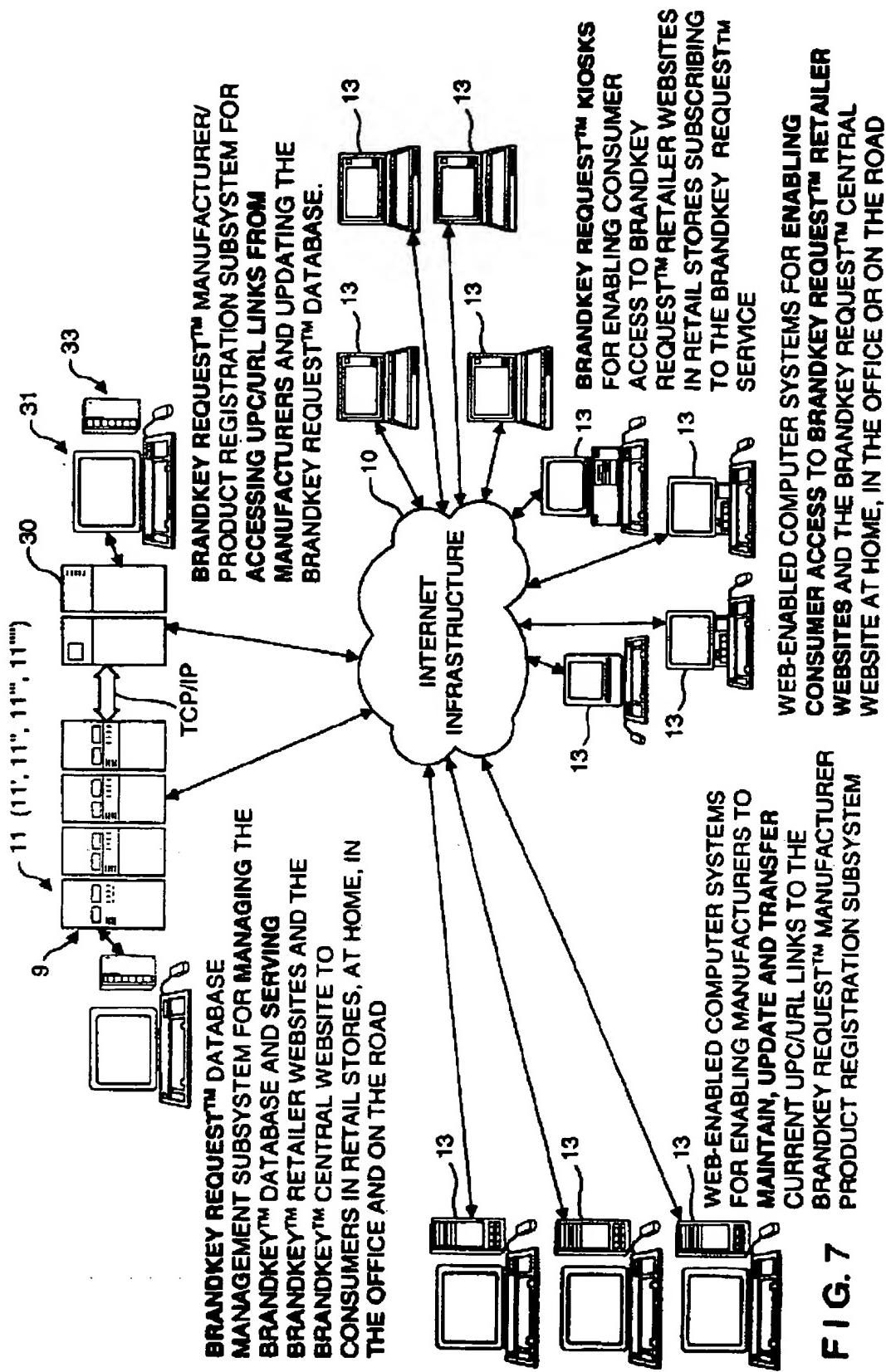


FIG. 6E3



۷۵

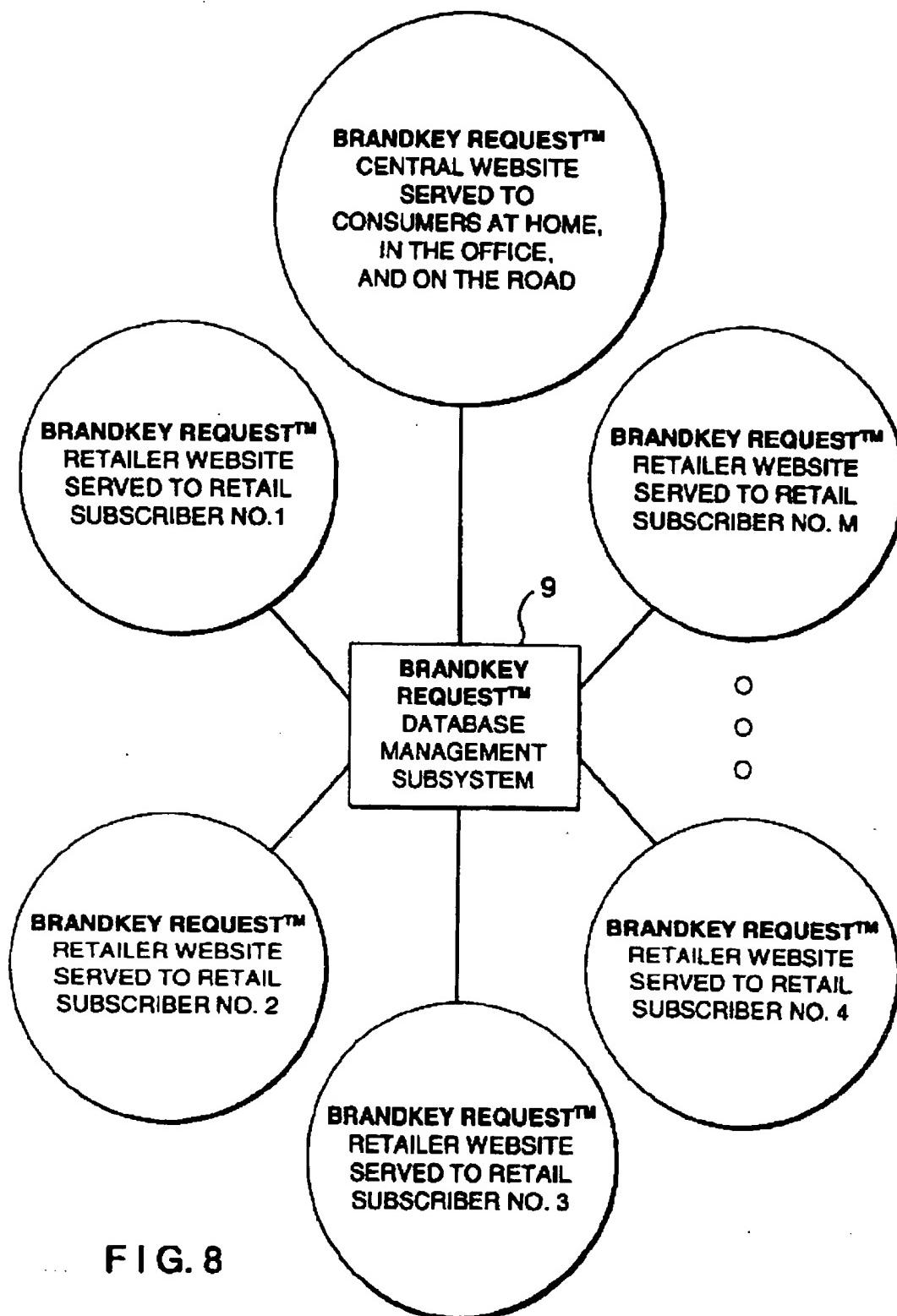


FIG. 8

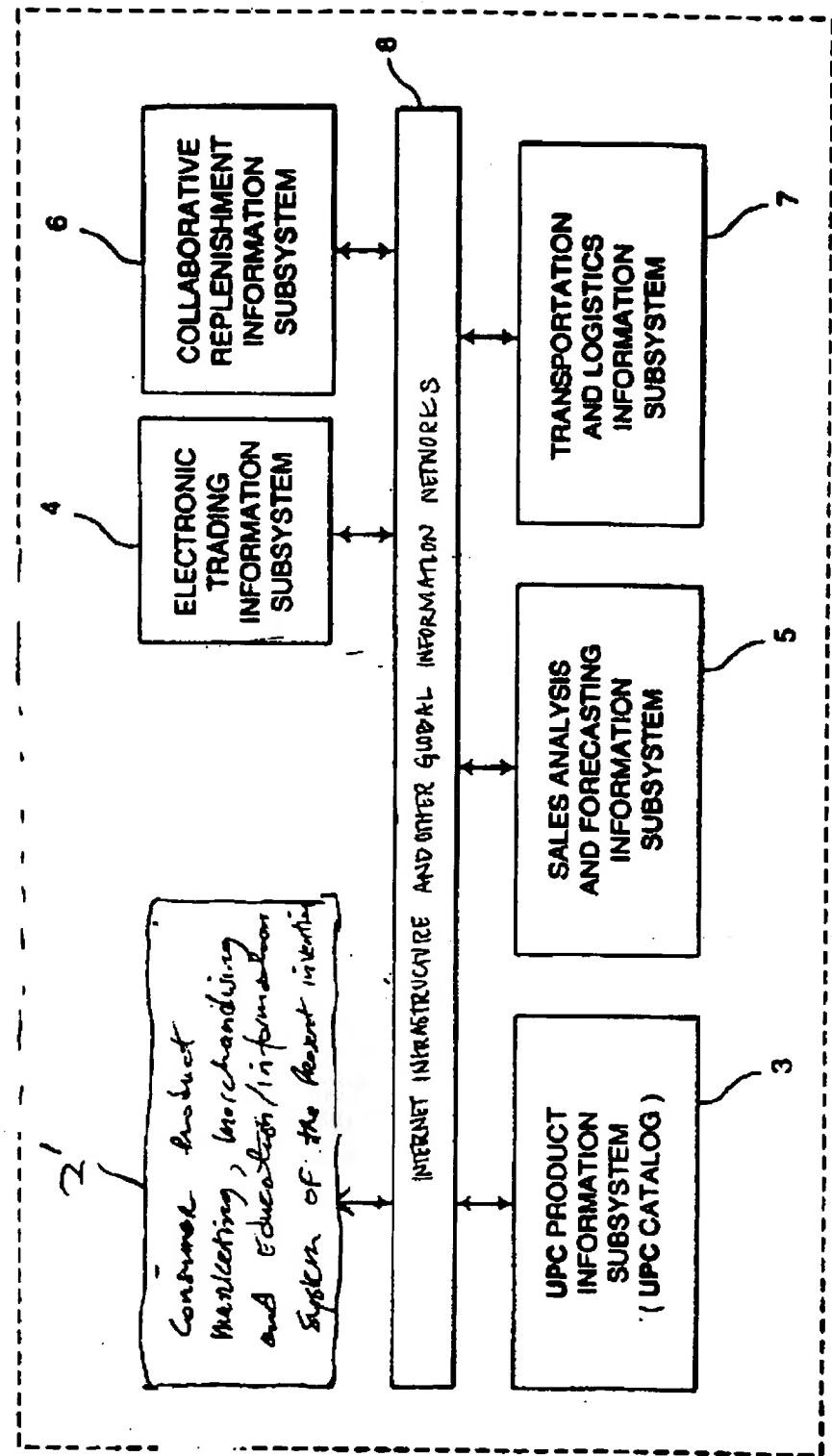


FIG. 9

SECOND ILLUSTRATIVE  
ENVIRONMENT

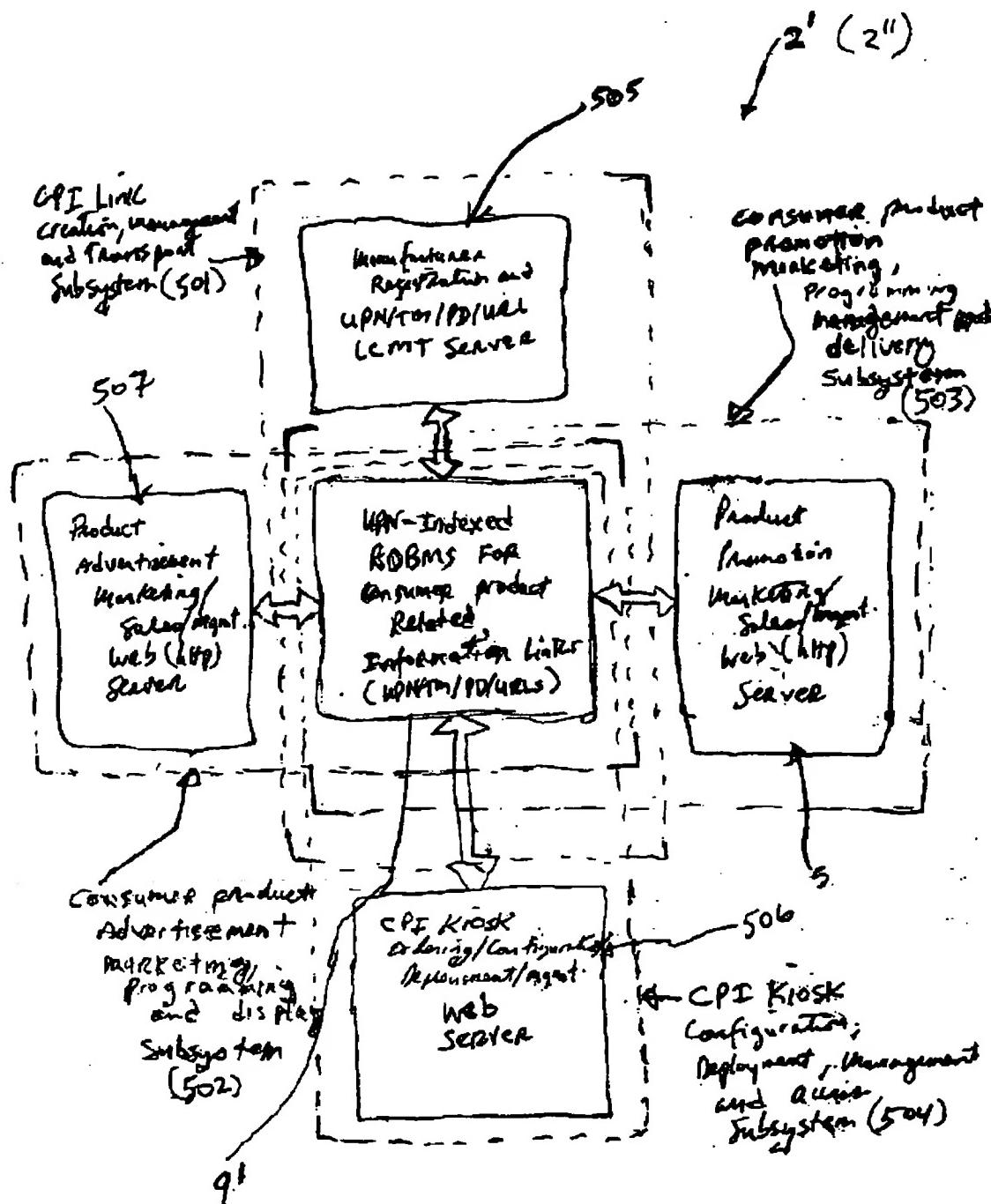


FIG 9A

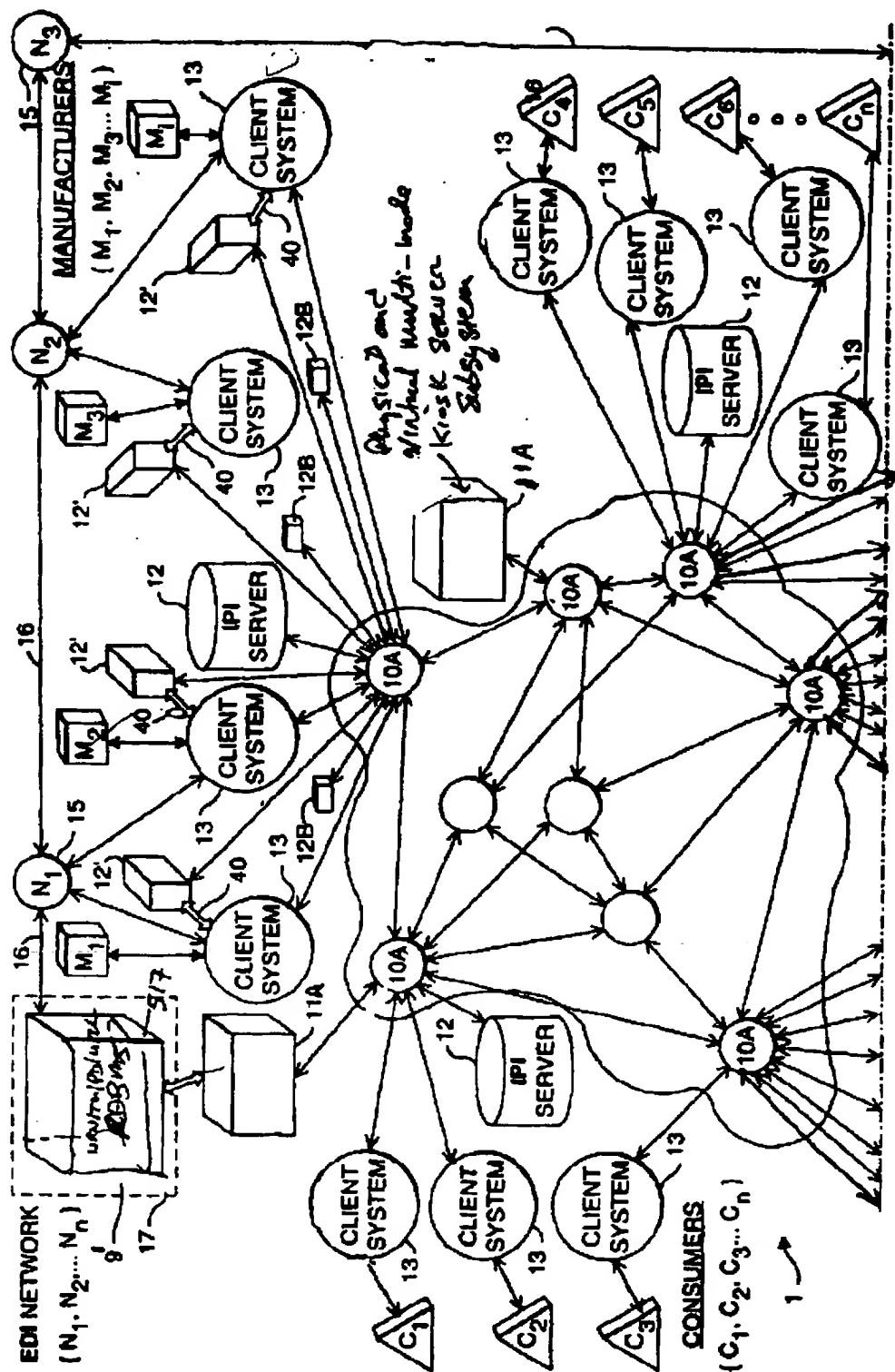
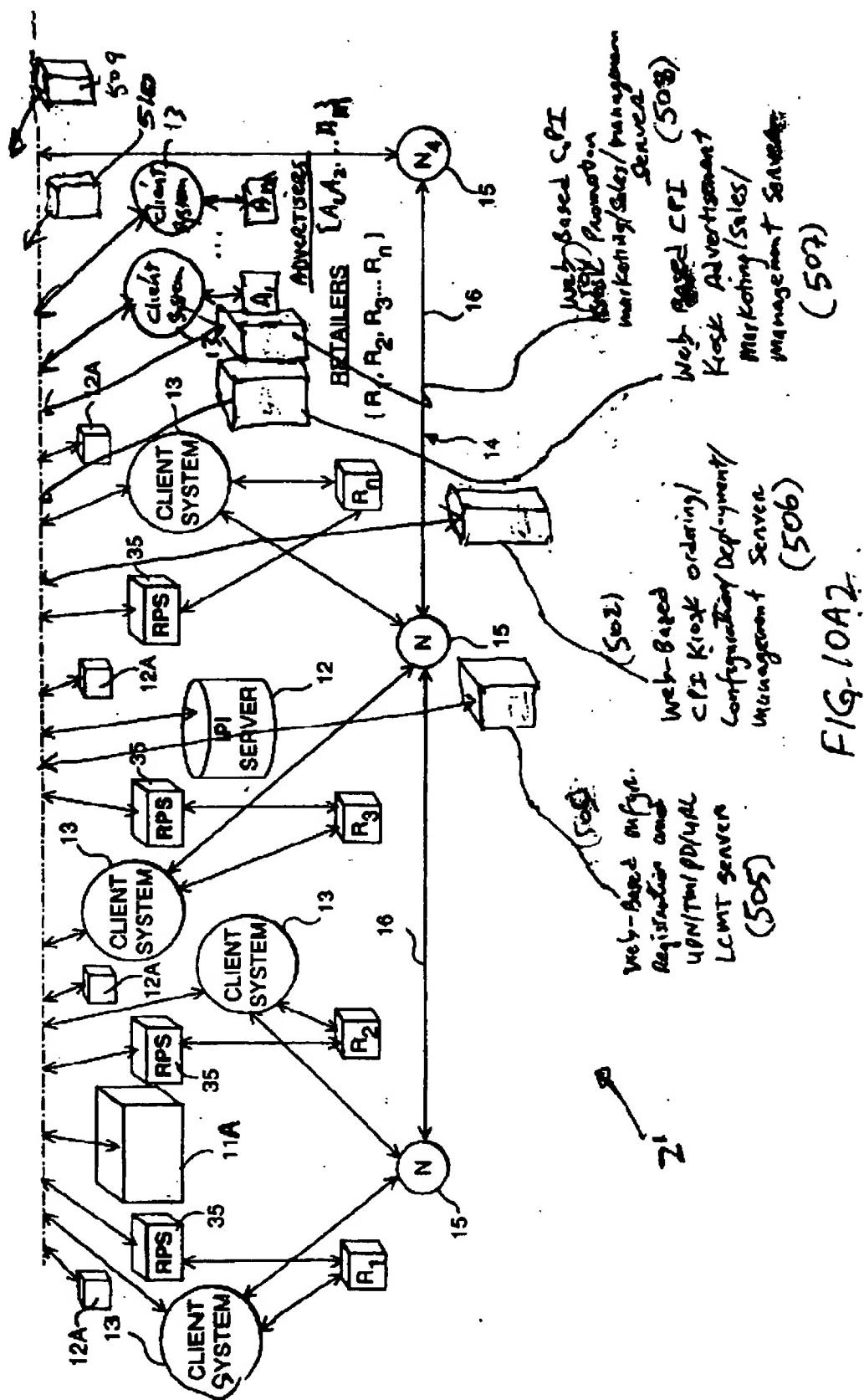
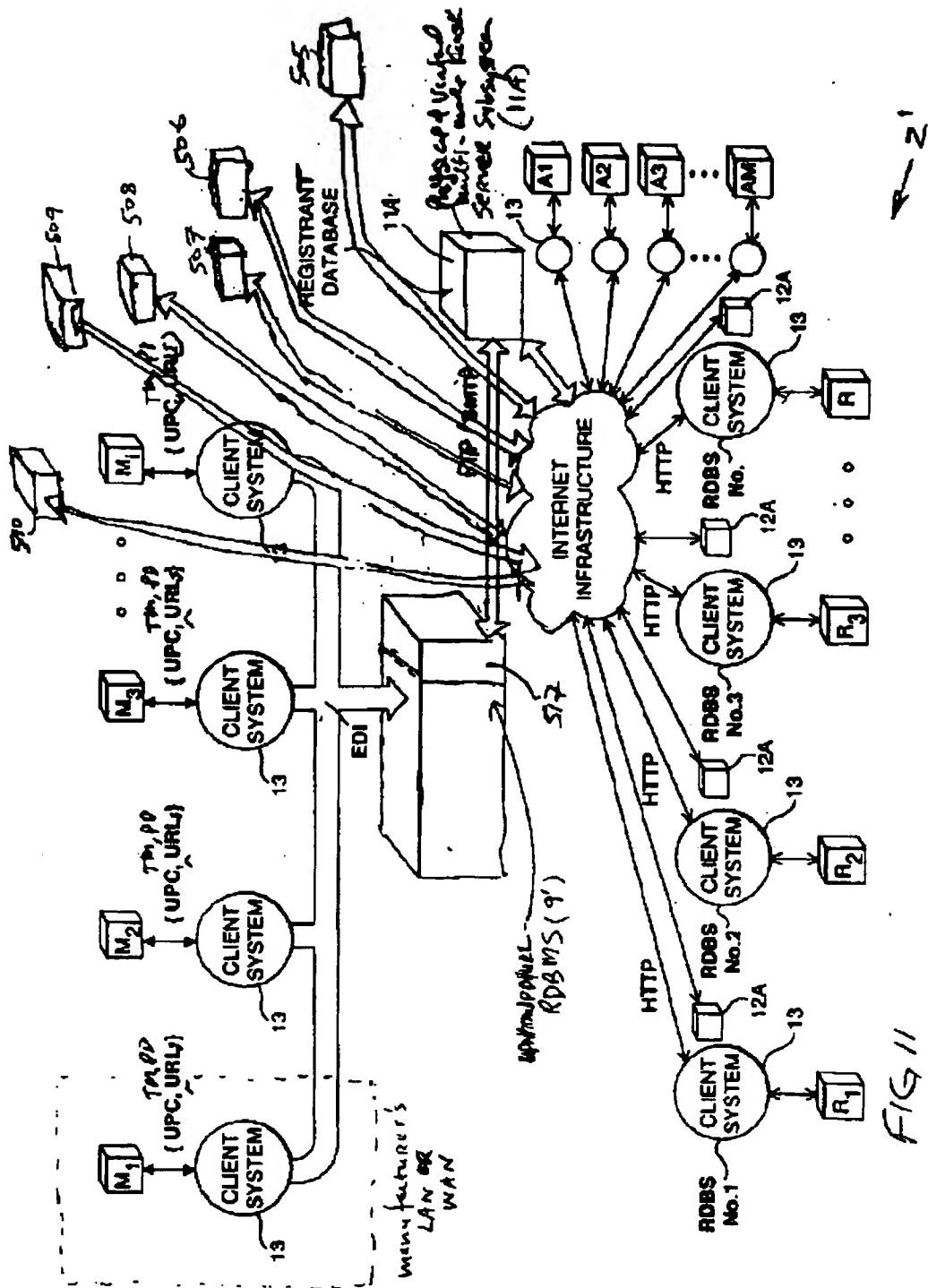


FIG 10A1





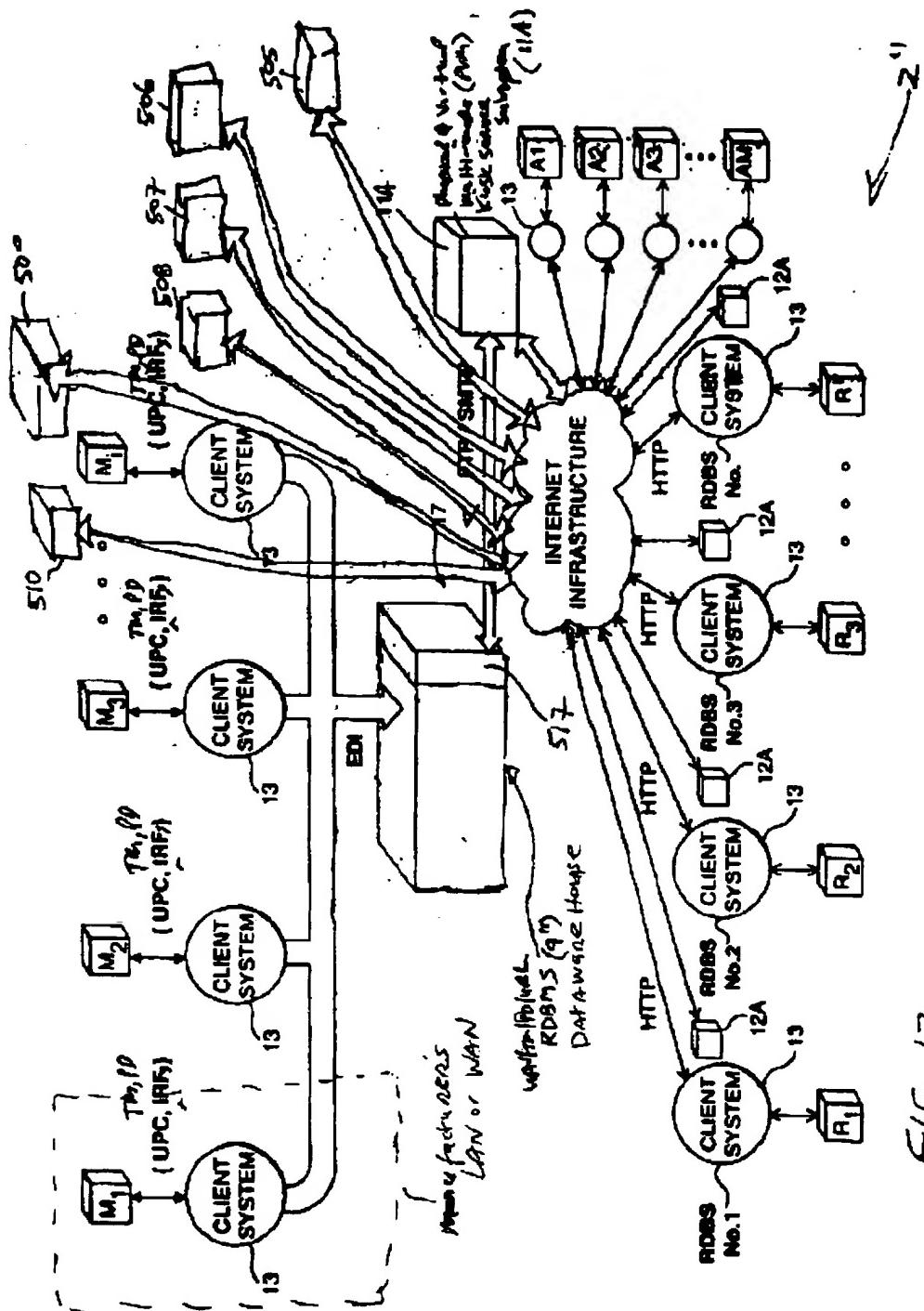
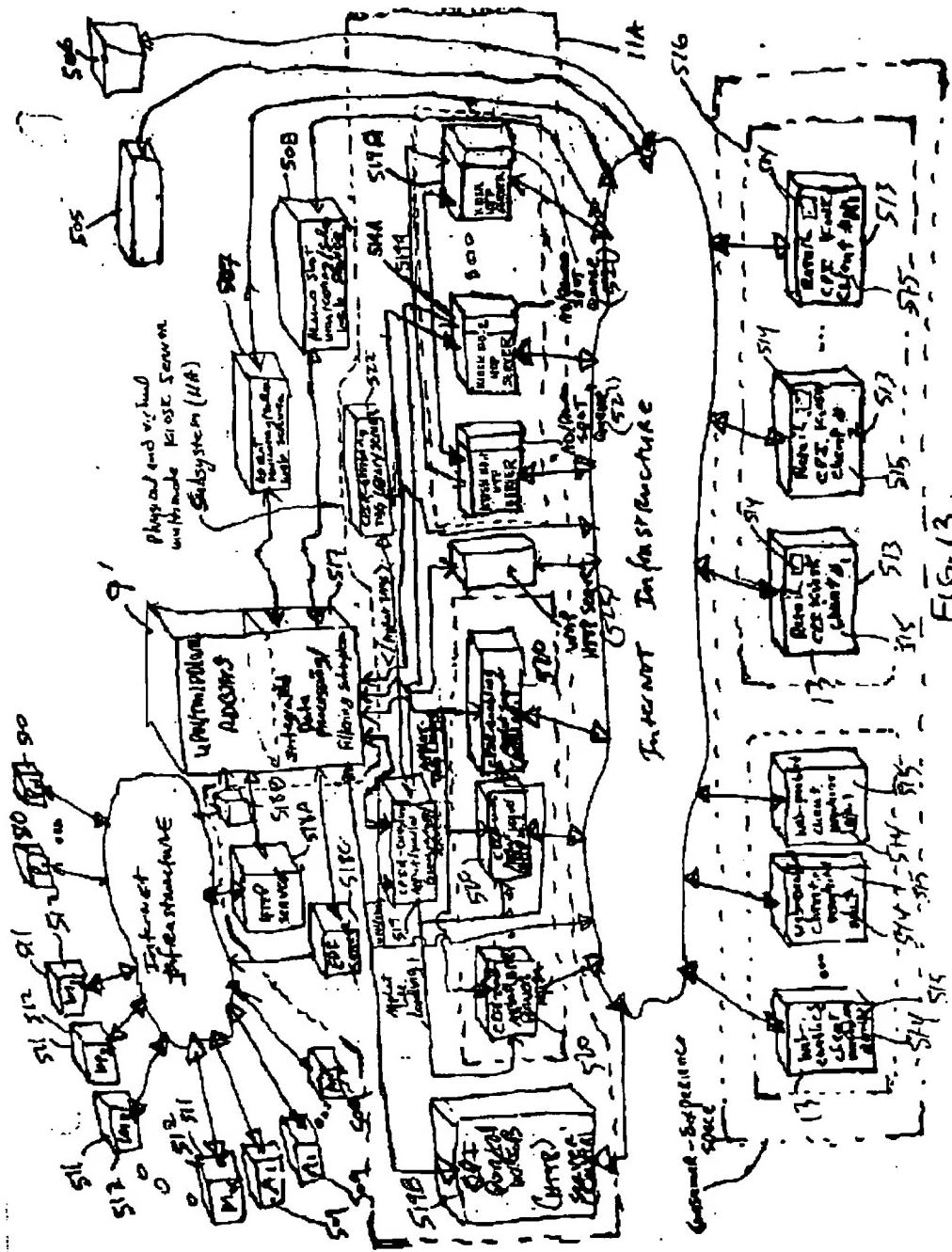


FIG. 12



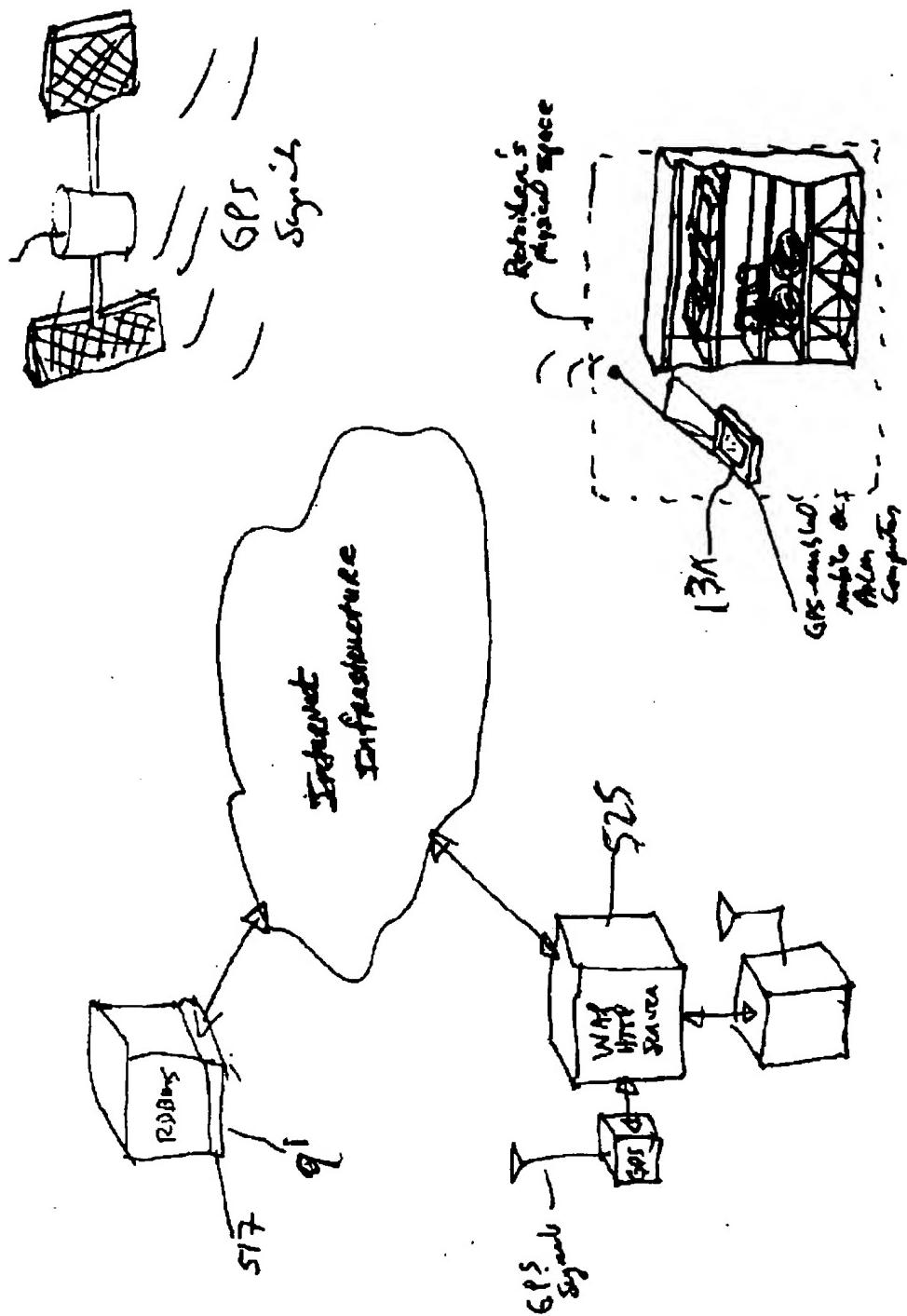


FIG. 14

Structure: [REDACTED]		
Company Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
URL of Migr. WWW Site	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
Email Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Standard Industry Codes (SIC)	Alpha 20	Enterable; Modifiable
Marketing Executive Identity	Alpha 20	Enterable; Modifiable
Marketing Executive Phone No.	Alpha 20	Enterable; Modifiable
Marketing Executive E-mail	Alpha 20	Enterable; Modifiable
UPN/URL Management SW Installed	Alpha 20	Enterable; Modifiable
UPC Management SW for EDI B2B	Alpha 20	Enterable; Modifiable
UPC Service Bureau Employed	Alpha 20	Enterable; Modifiable
UPC Service Bureau Contact	Alpha 20	Enterable; Modifiable
UPC Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
UPC Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
EDI Vendor Employed	Alpha 20	Enterable; Modifiable
EDI Vendor Contact Person	Alpha 20	Enterable; Modifiable
EDI Vendor Phone Number	Alpha 20	Enterable; Modifiable
EDI Vendor E-Mail Address	Alpha 20	Enterable; Modifiable
DI Service Bureau Employed	Alpha 20	Enterable; Modifiable
DI Service Bureau Contact	Alpha 20	Enterable; Modifiable
DI Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
DI Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
Number of UPC/URL SW Licenses	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW License Total	Alpha 20	Enterable; Modifiable
Total Number of UPC Numbers	Alpha 20	Enterable; Modifiable
Date of UPC Number Accounting	Alpha 20	Enterable; Modifiable
Annual UPC/URL Mgmt. SW Fee Due	Alpha 20	Enterable; Modifiable
Date of UPC/URL SW Fee Payment	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent Phone	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent Email	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15A

Structure: UPN/URL Management SW License		
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Version of UPN/URL Mgmt. SW	Alpha 20	Enterable; Modifiable
Number of Licenses Granted	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW License Keys	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Number	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Rep.	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Download Date	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15B